



**An assessment of the levels of persistent  
organic pollutants (POPs) in waste electronic  
and electrical equipment in England and Wales**

**Report Reference: UC14161.3  
18th March 2020**

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# An assessment of the levels of persistent organic pollutants (POPs) in waste electronic and electrical equipment in England and Wales

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## Glossary

ABS	Acrylonitrile butadiene styrene
BFR	Brominated flame retardants
CRT	Cathode ray tube
DecaBDE	Decabromodiphenyl ether
EEE	Electronic and electrical equipment
EU	European Union
FPD	Flat panel display
GCMS	Gas chromatography mass spectrometry
GF	Glass filled
HBB	Hexabromobiphenyl
HBCDD	Hexabromocyclododecane
HexaBDE	Hexabromodiphenyl ether
HIPS	High impact polystyrene
HxBB	Polybrominated biphenyls
ICER	Industry Council for Electronic Equipment Recycling
LDA	Large domestic appliances
LHA	Large household appliances
MCL	Maximum concentration limit
PBDE	Polybrominated diphenyl ethers
PCB	Printed circuit board
PE	Polyethylene
PentaBDE	Pentabromodiphenyl ether
POM	Polyoxymethylene
POP	Persistent organic pollutants
PP	Polypropylene
PVC	Polyvinyl chloride
SHA	Small household appliances
SMW	Small mixed WEEE
TBBPA	Tetrabromobisphenol A
TetraBDE	Tetrabromodiphenyl ether
WEEE	Waste electronic and electrical equipment
XRF	X-ray fluorescence

## Summary

### i Need for study

Polybrominated diphenyl ethers (PBDEs) have been used extensively as flame retardants in the plastic components of electronic and electrical equipment (EEE). Certain PBDEs are listed in the Stockholm Convention on Persistent Organic Pollutants (POPs). POPs are organic chemical substances that persist in the environment, bioaccumulate through the food chain, and pose a risk of causing adverse effects to human health. TetraBDE, pentaBDE, hexaBDE and heptaBDE were listed as POPs in 2009 and decaBDE was added in 2017.

The EU POPs Regulation<sup>1</sup> implements the Stockholm convention and sets a maximum concentration limit (MCL) of 1,000 mg/kg for the total concentration of tetraBDE, pentaBDE, hexaBDE, heptaBDE and decaBDE in waste material. When items containing POPs above the MCL become waste they must be treated in such a way that the POPs are destroyed or irreversibly transformed.

There are also restrictions on POPs in products and materials placed on the market. The POPs Regulation<sup>1</sup> sets a cumulative MCL of 500 mg/kg for tetraBDE, pentaBDE, hexaBDE, heptaBDE and decaBDE. The RoHS Directive<sup>2</sup> banned PBDEs in electronic and electrical equipment (EEE) put on the market after 1<sup>st</sup> January 2007, though an exemption was made for decaBDE until July 2008. The REACH Regulation imposes additional controls on the marketing and use of PBDEs.

However, although the use of PBDEs in electrical and electronic equipment was banned from 2007/8, and many manufacturers had voluntarily phased them out before this, POPs may still be present in waste electronic and electrical equipment (WEEE) arising today. This is partly because the lifespan of EEE is such that some products currently becoming waste were manufactured before the RoHS restrictions came into force. It may also be because recycled plastic containing POPs was used in their manufacture. Where POPs-PBDEs were used intentionally as flame retardants, levels of POPs could be as high 20 wt.% of the component, equivalent to 200,000 mg/kg. The levels of 'legacy POPs' resulting from use of recycled plastic are likely to be lower, but can still exceed the MCL.

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<sup>1</sup> Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

<sup>2</sup> Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.



In the UK there is a requirement for WEEE to be treated and recycled in accordance with The Waste Electrical and Electronic Equipment Regulations (2013) which implement the EU WEEE Directive<sup>3</sup>. If plastics in WEEE are contaminated with POPs they cannot be recycled and must be treated to destroy the POPs chemicals as required by the POPs Regulation<sup>1</sup>.

There is a need therefore to understand which categories of WEEE contain POPs-PBDEs, at what levels, and how these concentrations impact the management of WEEE and WEEE plastics.

## ii Method

The study analysed items from four of the UK's WEEE collection streams (large household appliances (LHA), small mixed WEEE (SMW), cooling and display) to establish whether they contained POPs or other substances of concern and at what level.

A substantial sampling programme was conducted at nine WEEE processing facilities in England and Wales and over 2,000 WEEE items were analysed using X-ray fluorescence (XRF) to provide chemical analysis of the plastic, in particular the bromine concentration. The data from this exercise gave insight into the proportion of plastic containing BFRs in different WEEE streams.

The XRF analysis allowed for targeted sub-sampling of WEEE items for further analysis. Samples of selected components, containing low, medium and high bromine concentrations, were sent for gas chromatography mass spectrometry (GCMS) analysis to identify the brominated compounds present in the plastic, with a particular emphasis on POPs-PBDEs.

## iii Findings

The study found POPs-PBDEs at concentrations above the MCL in components from several WEEE categories<sup>4</sup>.

The conclusions are set out below and summarised in Table S.1. The results of the study have been used to inform advice given by the Environment Agency regarding the classification of specific categories of WEEE.

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<sup>3</sup> Directive 2012/19/EU of the European Parliament and of the Council of 4 July 2012 on waste electrical and electronic equipment (WEEE)

<sup>4</sup> The Waste Electrical and Electronic Equipment Regulations 2013.

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## Printed circuit boards (PCBs)

Significant concentrations of POPs-PBDEs were found in PCBs. Although none exceeded the MCL in the POPs Regulation, extraction efficiencies for brominated compounds from the PCB plastic matrix were shown to be low and therefore the concentrations determined by GCMS analysis are a considerable underestimate. Therefore, PCBs are likely to contain POPs-PBDEs above the MCL and should be treated as a POPs waste.

In a number of PCBs, the concentration of antimony, assumed to be present as antimony trioxide<sup>5</sup>, exceeds the MCL set out in the Classification, Labelling and Packaging (CLP) Regulation<sup>6</sup>. PCBs are therefore a hazardous waste.

## Cables

POPs-PBDEs at levels above the MCL were found in some internal and external cables taken from various items of WEEE. The concentration of antimony, assumed to be present as antimony trioxide, was shown to exceed the MCL in a number of exterior and interior cables. WEEE cable is therefore both a POPs waste and a hazardous waste.

## Cathode ray tube (CRT) displays

POPs-PBDEs at levels above the MCL were found in the plastic casings of some CRT displays and the concentration of antimony, assumed to be present as antimony trioxide, was shown to exceed the MCL in the CLP Regulation. CRT casings are therefore both a POPs waste and a hazardous waste.

## Flat panel displays (FPDs)

POPs-PBDEs at levels above the MCL were found in the plastic casings of some FPDs. In a number of FPD casings, the concentration of antimony, assumed to be present as antimony trioxide, was shown to exceed the MCL in the CLP Regulation. FPDs are therefore both a POPs waste and a hazardous waste.

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<sup>5</sup> Antimony trioxide was commonly used alongside brominated flame retardants as a synergist and so all antimony detected via XRF is assumed to be present as antimony trioxide. The MCL for antimony trioxide is 1% (10,000 mg/kg) which equates to an antimony concentration of 0.84% (8,400 mg/kg).

<sup>6</sup> Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

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## Fridges

In this report, the term 'fridges' refers to fridges and freezers included in the category of Cooling Appliances Containing Refrigerants<sup>4</sup>.

The POPs-PBDEs concentrations in some small plastic components surrounding the fridge compressor were found to exceed the MCL in the POPs Regulation. However, when assessed as an entire unit, the total POPs-PBDEs concentration did not exceed the 1,000 mg/kg MCL. The plastic components surrounding the compressor should therefore be considered a POPs waste, but fridges as entire units are not a POPs waste. However, further work is required to assess the concentration of POPs-PBDEs and other hazardous substances in the waste plastic stream resulting from fridge treatment to inform future classification of this stream.

The concentration of antimony, assumed to be present as antimony trioxide, in some small components was shown to exceed the MCL in the CLP Regulation. These components are therefore hazardous waste. Fridges when assessed as entire units are classified as hazardous waste because of other substances they contain.

## Large domestic appliances (LDA)

In this report, LDA refers only to heavy white goods such as washing machines, tumble driers and dishwashers and not to the UK WEEE category large household appliances (LHA) nor to the LHA Collection Stream. Both the LHA category and collection stream include other items e.g. microwaves, radiators, fans as well as heavy white goods.

The POPs-PBDEs concentrations in some small plastic components of LDA were found to exceed the 1000 mg/kg in the POPs Regulation. However, when assessed as entire units, the total POPs-PBDEs concentrations in LDA items did not exceed the MCL. LDA items are therefore not a POPs waste when assessed as an entire unit. However, further work may be required to determine the concentration of POPs-PBDEs and other hazardous substances in the plastic fraction of LDA.

The concentration of antimony, assumed to be present as antimony trioxide, in some small components was shown to exceed the MCL in the CLP Regulation. However, when assessed as an entire unit of LDA, the antimony concentration did not exceed the MCL in the CLP Regulation. Based on the information in this report therefore, LDA items are not a hazardous waste.

## Small mixed WEEE (SMW)

In this report, SMW refers to the collection stream intended for UK WEEE categories 2 to 10. POPs-PBDEs were found at levels exceeding MCL in the plastic components of several items. The size of the components relative to the weight of the whole items was such that the

items exceeded the MCL of 1000mg/kg on an entire unit basis. The SMW collection stream is therefore a POPs waste stream.

SMW components were also found to contain antimony, assumed to be antimony trioxide, at concentrations exceeding the MCL. The SWM collection stream is a hazardous waste stream because of this and other substances it contains.

## Individual categories in SMW

UK WEEE Categories 2, 3, 6 and 7 (small household appliances; IT and telecoms equipment; electrical and electronic tools; toys, leisure and sports). Items from these categories were analysed as part of the SMW collection stream and found to contain POPs-PBDEs and antimony, assumed to be antimony trioxide, above the MCL. Therefore, these categories of SMW, if collected and treated separately, are both a POPs and a hazardous waste.

UK WEEE Category 1 (large household appliances). Items from this category were also analysed as part of the SMW collection stream and found to contain POPs-PBDEs and antimony above MCL. These were the smaller items from that category e.g. radiators, not large white goods e.g. washing machines. These smaller Category 1 items, if collected and treated separately, are therefore both POPs and hazardous waste.

UK WEEE Categories 4 and 5 (consumer equipment and lighting equipment). A number of items from these categories were analysed and found to contain bromine. Although the brominated compounds were not identified these categories are expected to contain POPs-PBDEs. Therefore, if collected and treated separately, these categories should be considered a POPs Waste in the absence of reliable supporting evidence to demonstrate that they are not. Both categories were found to contain concentrations of antimony above the MCL defined by the CLP Regulation and are therefore a hazardous waste.

UK WEEE Categories 8, 9 and 10 (medical devices; monitoring and control instruments; automatic dispensers). There is insufficient information from the study to comment on the POPs and antimony concentrations of these categories. The onus is therefore on the waste producer to classify them correctly.

## Office equipment

### Dual use equipment disposed of by offices

Dual-use equipment disposed of by offices or businesses is similar to that disposed of by households in the SMW collection stream and the same classification considerations apply.

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## Office equipment supplied as business to business equipment

This study has not obtained sufficient information to provide advice on the hazardous or POPs waste status of equipment which is supplied as business to business equipment, e.g. large printers, photocopiers.

Industry will need to undertake further work to determine if POPs or hazardous chemicals are present to ensure this waste is managed in an appropriate manner. In the absence of information a precautionary approach should be applied. It should not be assumed that waste is non-hazardous or not POPs waste without reliable supporting evidence.

## Detection of POPs

The study has shown that extraction efficiencies can be very low for some types of WEEE plastics, giving rise to a significant underestimate of POPs concentration. Analysis of POP-PBDEs in WEEE should measure extraction efficiency and highlight it in reported concentrations.

## WEEE European Waste Catalogue (EWC) codes

All wastes in the EU must be given an EWC code or list of waste (LoW) code as defined in the UK. This identifies the material as hazardous or non-hazardous and determines the treatment facilities to which it can be sent.

Based on the findings of this study, the Environment Agency is updating its existing guidance on classification to advise which EWC codes should be assigned to specific WEEE collection and material streams. Where two codes are issued this indicates that both should be assigned to the waste devices. The advice issued in September 2019 is outlined as follows. Additional advice is expected shortly.

- Display equipment (CRTs and FPDs as individual streams) – 20 01 35\* - *discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components.*
- Plastics removed from CRT display equipment (including those that are baled, shredded or crushed etc.) – 16 02 15\* - *hazardous components removed from discarded equipment* and 16 02 16 – *components removed from discarded equipment other than those mentioned in 16 02 15.*
- Plastics removed from FPD display equipment (including those that are baled, shredded or crushed etc.) - 16 02 15\* - *hazardous components removed from discarded equipment* and 16 02 16 – *components removed from discarded equipment other than those mentioned in 16 02 15.*

- 
- Small mixed WEEE – 20 01 35\* - *discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components and 20 01 36 - discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 25.*
  - Treated small mixed WEEE – 19 02 04\* - *premixed wastes composed of at least one hazardous waste.*

The mixed output from treatment, e.g. shredding, of WEEE that includes hazardous waste or POPs waste remains a hazardous or POPs waste and must therefore be assigned the EWC code 19 02 04\*. However, if that shredded stream is sent for further mechanical treatment, e.g. a density separation process to separate the brominated fraction and the non-brominated plastics fractions, and if that process produces pure plastic output fractions, the EWC code 19 12 04 can be applied. This is a non-hazardous code and means that management options such as municipal waste incineration and use as alternative fuel in cement kilns are available for these plastic streams.

**Table S.1 Summary of classification of WEEE based on this study**

WEEE type	POPs waste	Hazardous waste
Printed circuit boards (PCBs)	✓	✓
Cables	✓	✓
Cathode ray tube displays (CRTs)	✓	✓
Flat panel displays (FPDs)	✓	✓
Fridges	X <sup>*</sup>	✓
Large domestic appliances (LDA)	X <sup>*</sup>	X <sup>*</sup>
Small mixed WEEE (SMW) as collection stream	✓	✓
Categories of SMW if collected separately	Cats 1, 2, 3, 6, 7 ✓ Cats 4,5 ✓ unless evidence provided to the contrary Cats 8,9,10 <sup>▲</sup>	Cats 1, 2, 3, 6, 7 ✓ Cats 4,5 ✓ unless evidence provided to the contrary Cats 8,9,10 <sup>▲</sup>
Office equipment	Dual use ✓ Business to business <sup>▲</sup>	Dual use ✓ Business to business <sup>▲</sup>

Further work required by industry to classify the plastic containing fractions produced by treating LDA and fridges.

<sup>▲</sup>The Environment Agency advises that industry needs to undertake assessment of these streams to determine correct classification status. In the absence of reliable evidence a precautionary approach should be adopted.

---

## iv Further work

Further work is needed in the following areas:

- i) fridge plastic: to assess the POPs and hazardous content of the plastic stream arising from fridge treatment to ensure correct waste classification;
- ii) bromine separation of WEEE plastics: to characterise the light fraction from currently operating density separation processes to validate the ability of these processes to adequately separate potential POPs-containing plastics and provide a benchmark against which separation processes can be monitored and assessed;
- iii) printer Cartridges: to test for POPs and other hazardous substances;
- iv) alternative management options for POPs-containing plastic fraction: to establish feasibility of other advanced thermal treatment technologies for this material, such as gasification or pyrolysis;
- v) brominated compound extraction techniques: research to optimise and benchmark extraction techniques to avoid under reporting of data.



# 1. Introduction

## 1.1 Waste electronic and electrical equipment

Waste electronic and electrical equipment (WEEE) accounts for around 10% of the UK's household waste (Eurostat, 2018). It is a varied waste stream made up of several categories with different material composition as shown in (Table 1.1).

**Table 1.1 Composition of WEEE categories (Eurostat, 2018)**

WEEE category	Ferrous metal (%)	Non-ferrous metal (%)	Plastic (%)	Glass (%)	Other (%)
Large household appliances	58	10	15	0	18
Small household appliances	35	10	41	0	15
IT & telecommunications equipment	28	5	34	11	22
Consumer equipment (& photoelectric panels)	35	8	20	22	15
Lighting equipment (a)	5	11	11	67	11
Lighting equipment (b)	75	22	3	0	0
Electrical and electronic tools	55	10	34	0	1
Toys, leisure and sports equipment	5	5	71	0	18
Medical devices	32	9	7	0	51
Monitoring & control instruments	27	13	27	0	33
Automatic dispensers	37	8	18	0	37

The plastic component of WEEE is a potentially valuable secondary resource, but it is a complex fraction containing many types of plastics commonly including fillers, pigments and flame retardants.

The addition of flame retardants to plastics is to ensure the plastic products meet specified fire safety standards. There are several types of flame retardants whose use is well established.

Halogenated and non-halogenated flame retardants are used in plastics. Halogenated flame retardants are either brominated or chlorinated compounds and non-halogenated flame retardants include phosphorous or metal oxide based compounds. The variety is due to the large number of different plastic types and applications in electronic and electrical equipment (EEE).

Despite the importance of the addition of flame retardants to plastic, research has highlighted concerns over the safety of some types, especially brominated flame retardants (BFRs). This has led to some BFR compounds being classified as persistent organic pollutants (POPs) in the Stockholm Convention.

The historical widespread use of BFRs in plastic manufacturing has created an uncertainty surrounding the levels of POPs-listed BFRs in UK WEEE plastic. When deliberately added at manufacture, BFRs could have been added at levels up to 20 wt.%. Even plastic produced without the deliberate addition of POPs-listed BFRs can exceed POPs Regulations MCL due to the presence of 'legacy' BFRs in recycled plastic.

This report provides the results of an extensive survey of plastic components from WEEE and an insight into the level of BFRs in these plastics, with a particular emphasis on polybrominated diphenyl ethers (PBDEs). This work also discusses the implications that the presence of these chemicals in plastic will have on the management options for WEEE plastic in the UK.

## 1.2 Brominated flame retardants and antimony trioxide

Brominated flame retardants (BFRs) are one of the most common types of flame retardants used in the plastics manufacturing industry.

The following BFRs are listed as POPs:

- hexabromobiphenyl (HBB);
- tetrabromodiphenyl ether and pentabromodiphenyl ether (tetraBDE and pentaBDE);
- hexabromodiphenyl ether and heptabromodiphenyl ether (hexaBDE and heptaBDE);
- decabromodiphenyl ether (decaBDE);
- hexabromocyclododecane (HBCDD).

BFRs are commonly added to plastics and textiles as commercial formulas which are a mix of PBDE congeners:

- commercial-pentaBDE, composed of tetra, penta and hexaBDE
- commercial-octaBDE, mainly composed of hepta, octa and decaBDE

- commercial-decaBDE, mainly composed of decaBDE.

The use of commercial formulas of pentaBDE and octaBDE was banned in the EU in 2004 whereas a ban on the use of decaBDE in electronic and electrical equipment took effect in 2008 under the RoHS Directive<sup>7</sup>. BFRs work by suppressing the combustion cycle. As the material is heated bromine atoms are released which are able to react with key combustion components in the gas phase (hydroxyl and hydrogen free radicals) and subsequently suppress the combustion reaction. Antimony trioxide is commonly added, as a synergist, alongside BFRs to improve the performance of the flame retardant. Antimony trioxide is active in suppressing combustion components, and also facilitates the release of bromine from the material.

Although antimony trioxide is not classified as a POP, it has a harmonised classification under the Classification Labelling and Packaging Regulation<sup>8</sup> as a suspected carcinogen. Therefore, there is a maximum concentration limit for antimony trioxide of 1 wt.% (10,000 mg/kg) above which a material must be classified as hazardous.

If the sum of the PDBEs listed in Regulation (EU) 2019/1021 (POPs Regulation)<sup>9</sup> in a waste material is greater than 1,000 mg/kg then it should be classified as a POPs-containing waste. The treatment options for wastes containing POPs are limited as there is a requirement that the POPs are destroyed or irreversibly transformed to avoid them being released into the environment.

Brominated flame retardants are widely used and make up around 20% of the flame retardant market. Alongside PBDEs there are other BFRs which have been and are used in products for example;

- hexabromocyclododecane (HBCDDs) – mainly used in thermal insulation in buildings;
- tetrabromobisphenol A (TBBPA) – used in printed circuit boards and thermoplastics;
- polybrominated bisphenyls (PBBs) – used in consumer appliances, textiles and plastic foams.

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<sup>7</sup> Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

<sup>8</sup> Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

<sup>9</sup> Regulation (EU) 2019/1021 of the European Parliament and the Council of 20 June 2019 on persistent organic pollutants.

Like PBDEs, some of the aforementioned BFR groups contain compounds which are classified either as POPs or as hazardous chemicals, but they also contain compounds which are not. Although simple analytical techniques can give an indication of the potential levels of BFR in a material, complex laboratory techniques are required to identify specific brominated compounds.

BFRs can be added to polymer matrices up to 15-20 wt.% depending on the type of polymer, component and application. Sometimes the BFRs are added at lower levels (around 5-10 wt.%), but this could be alongside another type of flame retardant such as aluminium or magnesium hydroxide. Trace levels of BFR <1 wt.% are likely only to be present as legacy concentrations as a result of using recycled plastics containing BFRs. Antimony trioxide is added to the plastics at concentrations which are roughly half that of the BFRs, so between 2-10 wt.%, depending on the BFR addition.

The BFRs can either be mixed into the polymer matrix or added as a surface coating; how the BFR is added is component specific. If the BFR is only added as a surface coating the concentration of the BFR would be much higher than 15-20% in the coating, but would only constitute a fraction of the total mass of the component.

### 1.3 Project outline

This project aimed to provide a robust analysis of the extent of PBDE contamination in WEEE plastics within the UK. The project aims are outlined below.

- Undertake an extensive survey of plastics in separate WEEE categories across several processing facilities in England and Wales. The survey involved on-site X-ray fluorescence (XRF) scanning to determine the bromine concentration of plastic parts in WEEE.
- Determine PBDE concentrations of selected plastic samples using gas chromatography mass spectrometry (GCMS) and compare these concentrations to relevant threshold limits.
- Analyse the elemental composition of the plastic parts by XRF scanning to provide information on the presence of other hazardous chemicals; antimony trioxide for example.
- Use GCMS to determine whether BFRs other than PBDEs are present in the plastic (TBBPA, HBCDDs and HxBBs).
- Provide commentary on the implications of the concentrations of PBDEs (or other components) in WEEE plastics.

## 1.4 Similar studies in literature

### 1.4.1 Previous WRc work

Several studies have already been published which have looked at the presence of PBDEs in WEEE in Europe. This work also builds on a previous study undertaken by WRc which investigated the presence of PBDEs in UK waste streams (WEEE and end of life vehicles (ELV)). The report (UC8720.05), which was finalised in 2012, identified the presence of PBDEs in several WEEE streams at concentrations which were greater than the concentration limits for POPs. The average values of POPs listed PBDEs found in WEEE streams are shown in Table 1.2. At the time of this publication, decaBDE was not listed as a POP and was therefore not included in the POPs listed PBDEs (tetra, penta, hexa, heptaBDE). In that study the PBDEs which were found in the highest concentrations were decaBDE (now POPs listed) and nonaBDE (not POPs listed).

The follow on study presented in this report is an updated assessment of the PBDE content in WEEE, but also a more extensive study which aims to provide a more robust view of the presence of PBDEs in WEEE in the UK.

**Table 1.2 Average concentrations of Stockholm listed PBDEs (in 2012) versus total PBDEs in UK WEEE determined in previous WRc study\***

Category	Average total tetra, penta, hexa, hepta-PBDE (mg/kg)	Average total PBDE (mg/kg)
TVs	5,746	90,777
Industrial IT equipment	4,610	29,073
Printed circuit boards	4,473	26,943
Digiboxes	858	5,825
Large household appliances	512	1,951
Small household appliances	57	847
Fridges	39	182
PC monitors	14	12,353

\*at the time of publication of this data (2012), decaBDE was not listed in the Stockholm Convention on POPs

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### 1.4.2 Drage *et al.* (2018) – Irish study into PBDEs in waste streams

A study conducted by Drage *et al.* (2018) assessed the level of PBDEs in various waste streams in Ireland including WEEE. The study found that PBDEs are present in expanded polystyrene foam, other foams and fabrics and WEEE. The result of the work estimated that 3,850 t/yr of waste in Ireland would exceed the PBDE concentration limit of 1,000 mg/kg.

The study examined 237 WEEE items and was therefore a limited sample size for what is a large and varied waste stream. Nevertheless, the study revealed the prevalence of POPs listed chemicals in WEEE. High concentrations of decaBDE were found in display units (up to 60,000 mg/kg), small domestic appliances (up to 1,600 mg/kg) and IT and telecoms equipment (up to 7,600 mg/kg). Low concentrations of decaBDE below the MCL were found in fridges and large household appliances. This study provides an additional backdrop to the work presented in this report and allows good comparison with other European WEEE streams which are assumed to have the same characteristics as UK WEEE.

### 1.4.3 Other European studies on PDBEs

Other European studies have also been conducted to assess the presence of PBDEs in various waste streams and WEEE categories. A recent study commissioned by the European Toner and Inkjet Remanufacturers Association and reported by Actionable Intelligence (2019) identified elevated concentrations of decaBDE in toner cartridges at concentrations up to 17,000 mg/kg. The toner cartridges which were tested included new build cartridges designed to be used instead of OEM cartridges in branded printers. However, there is little information available on the testing and sampling carried out other than trade articles. Although the results seem to compliment data recorded for other WEEE streams, the lack of transparency in the study limits the impact of its findings.

A European study commissioned by the WEEE forum in 2010 and conducted by EMPA, assessed the presence of PBDEs in WEEE streams in Europe. The study focused on large household appliances, small household appliances, IT and telecommunications and consumer equipment. Some work, although to a lesser extent, was conducted on electric and electronic tools and toys. The study did not assess PBDE concentrations in printed circuit boards or cables.

The study found that decaBDE was likely to be present at concentrations which were close to or exceeded the concentration limit for most WEEE categories. The study attempted to assess which plastic types were likely to contain PBDEs. The conclusions demonstrated that acrylonitrile butadiene styrene (ABS), high impact polystyrene (HIPS) and polypropylene (PP) were likely to contain PBDEs above the concentration limits. The work is an extensive study into the types of plastics used for each of the WEEE categories which were studied and in this way goes beyond the scope of this report. This information is particularly useful for the discussion of the suitability of some of the analytical testing used in this work.

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The European study highlights that PBDEs are present in the WEEE streams at concentrations similar to those found in other studies and therefore largely corroborates the conclusions that a significant proportion of WEEE is contaminated with POPs containing plastics. The study also examined the plastics for the presence of heavy metals such as lead, cadmium, mercury and chromium. The results show that for many WEEE categories such as IT equipment, CRTs and household items, the lead concentrations were on average higher than its concentration limit. The concentrations of cadmium were also elevated and close to the concentration limit. The study did not examine the presence of antimony trioxide which is a known additive alongside BFRs.

All the studies to date which assess the PBDE concentrations in WEEE have shown that these chemicals can be present in the plastics at concentrations above the concentration limit of 1,000 mg/kg. The results largely corroborate this current study.

## 2. Sampling methodology

### 2.1 Sampling method and plan

The testing focused on screening a large number of WEEE plastic streams and individual unit types for their bromine content. A handheld XRF analyser was used as a quick screening tool to identify plastics with a high or low bromine concentration. This allowed for an intuitive approach to be taken in choosing the samples to be sent for GCMS analysis.

The screening exercise was undertaken at nine WEEE treatment facilities in England and Wales for a randomly chosen working week. The sampling methodology used involved taking random and regular samples from incoming WEEE loads, stockpiles or from the post processing (disassembly) of items (e.g. FPDs). Due to the nature of the collection, transport and delivery of the WEEE to the sites, the loads are assumed to be well mixed. However, additional mixing was undertaken using a mechanical sampling device where possible.

The approach for sampling was based on probabilistic sampling using a stratified random sampling methodology i.e. random loads of WEEE were sampled over a defined time period. This meant that random spot samples were taken from selected loads arriving at each site over a randomly chosen time period (day, week etc.). The scanning methodology assumed that there is no seasonal variability in the levels of BFRs in the plastic items. Nor was there any reason to suspect that the quality of the WEEE changed systematically according to either the hour of the day or the day of the week.

The WEEE streams which were sampled discretely were:

- cathode ray tube (CRT) casings (televisions and computer monitors);
- flat panel display (FPD) casings;
- small mixed WEEE (SMW);
- large domestic appliances (LDA);
- fridges;
- cables; and
- printed circuit boards (PCBs).



Items from CRT, FPD, cables and PCB streams, are typically composed of a single plastic casing which was scanned with the XRF analyser. Items from the other streams, usually contained several subcomponents which were isolated from the items and scanned individually.

The locations of the sample sites are shown in Figure 2.1 and Table 2.1 provides a breakdown of the sampling activities undertaken at each site. The mix of sites provided a cross section of operating companies, demographics, collection regimes and geography.

**Figure 2.1 A map showing the locations of the sites used during the Survey (Google Maps, 2019)**



**Table 2.1 Breakdown of the sampling activities by site**

Site	WEEE Category Sampled
Environcom, Grantham	PCBs, exterior cables, fridges, CRTs
Recycling Lives, Preston	PCBs, exterior cables, interior cables, FPDs, CRTs,
Viridor, St. Helens	PCBs, exterior cables, fridges, LDA, SMW
Veolia, Bridgnorth	PCBs, interior cables, FPDs
S. Norton, Liverpool	LDA
CSS, Newbury	CRTs
E3 Recycling, Port Talbot	Office equipment
Sims, Stalybridge	Office equipment
Sims, Newport	Fridges

## 2.2 Analytical test methods used

### 2.2.1 Site scanning test methods

XRF analysis provides information on the elemental composition of a material. The technique takes advantage of the energy released by atoms relaxing from a high energy state after inner shell electrons are removed by X-rays. The energy released is unique for each element and therefore provides a 'fingerprint' of the elements contained in a material. Using a handheld XRF analyser it is possible to obtain this information quickly (~30 second scan time) and so a large number of scans can be performed during one day. Typically, XRF is accurate for high concentrations of specific elements and the resolution reduces once the concentration drops below around 0.1 wt.%. However, it is a very good method to determine high or low concentrations of certain elements (bromine in this case).

The limitations of XRF are that the technique cannot determine the presence of elements with an atomic number lower than sodium (atomic number of 11). However, the scanning was performed to provide information on the concentrations of bromine, antimony, tin, cadmium, bismuth, lead, selenium, gold, zinc, copper, nickel, iron, chromium, vanadium, titanium, chlorine and barium.

The technique cannot provide information on the speciation of the elements present in the material or what compounds they are present in. Therefore, further analytical tests are required to provide information on the compounds present in the material. In this case XRF can inform on the level of bromine in the material, but further tests are required to determine which compounds of bromine are present. GCMS was chosen as the analytical tool to provide the data regarding the compounds present in the material. XRF is a surface analytical technique and so can only provide compositional information of the surface of the material.

Therefore, only fine grinding of a material can provide 'bulk' compositional data. In this project, as whole components were scanned, it was not possible to determine if the bromine found was added as a surface coating or added to the entire plastic matrix. However, to mitigate this, XRF analysis was also performed on the samples submitted to GCMS after they were ground to <1 mm.

### 2.2.2 Laboratory based test methods

GCMS is widely used for identification and quantification of many organic compounds across the industrial sector. A chemical extraction procedure is employed to remove the target compound(s) from the matrix followed by quantification in a mass spectrophotometer. Each compound produces a characteristic fingerprint spectrum. It is a highly accurate technique with very low limits of detection.

However, the extraction procedure may not always achieve 100% extraction efficiencies from the matrix and therefore may result in under-reporting of data. The extraction efficiencies are a function of the solvent, the properties of the matrix from which extraction is being undertaken and the compound specific properties. This means that there is no universal extraction solution and some experimentation may be required to find an optimum extraction method. For mixed plastic polymers and some specific polymers it may be difficult to fully optimise the extraction so it will be important to understand what the recovery of the target compound has been. Internal standards are commonly employed to measure losses within the gas chromatography column and to account for analytical error. However, as they are injected with the extraction solvent they do not provide a measure of the extraction efficiency of target compounds from the matrix.

High resolution GCMS analysis was carried out by two laboratories. The use of two laboratories allows for an inter-laboratory comparison of the data (see Section 15). One of the laboratories tested two different extraction solvents to review extraction efficiencies.

Sample preparation techniques are important as the production of excessive heat during grinding can lead to melting of the sample and degradation of PBDEs. WRc prepared all sampled to < 1 mm particle size and each test facility used specialist grinding equipment to take the test samples to a fine powder. Prepared samples were stored in dark bottles to limit photo-degradation.

The extraction step for the GCMS analysis is critical for producing meaningful results. However, the performance of the extraction method is dependent on the type of plastic the sample is composed of and the chemistry of the BFRs in the plastic as well as other factors.

Currently there are limited extraction methodologies for all plastic types and all compounds present in the plastics and so it is possible that errors associated with the GCMS analysis can be high. Therefore, it is important that the results are presented alongside an 'estimation of error' based on some factor such as the extraction efficiency of bromine.

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## Laboratory 1

This laboratory, based in continental Europe, applied methods which were in accordance with IEC 62321 and considered that UK sample preparation was acceptable, both in terms of avoiding excessive heating (which would be indicated by the smell of degraded polymers) and from the quality of the measured PBDE fingerprints.

Materials were extracted /dissolved with both toluene and tetrahydrofuran (THF) as a cross-check. Toluene is a non-polar solvent and THF moderately polar which means it is capable of extracting a wide range of polar and non-polar compounds.

The toluene extraction method used in this work is highly effective for plastics such as ABS, PS and PC/ABS. The extraction method involves first the dissolution (or swelling) in toluene. Following the dissolution step a precipitation agent is used to avoid any polymeric or oligomeric compounds forming precipitates in the vials or in the analytical equipment. These precipitates are filtered and the recovered extract solution is used to produce the aliquot for submission to the GCMS. DecaBDE is known to be highly hydrophobic and so established extraction techniques can be less effective. Oligomeric and polymeric compounds are also hydrophobic and if they form films or precipitates in the vials it is possible that they can trap other hydrophobic compounds (like decaBDE) and which are subsequently not submitted to GCMS. A repeat extraction using THF was undertaken to identify if extraction efficiencies could be improved.

Extract solutions were first purified by precipitation with hexane. Precipitated polymers were re-extracted and precipitated twice with the resulting extracts combined. The combined extract was reduced to 1 ml by vacuum rotary evaporation and then purified on a 500 mg Silica SPE (Strata Si -1, Phenomenex). SPE was preconditioned with hexane and PBDEs were eluted with hexane.

Cleaned extracts were again reduced to 0.5 to 1 ml by a gentle stream of nitrogen. A 10 µl aliquot of the extract was combined with 10 µl of an internal standard mixture (BFR-LCS, Wellington) and subjected to GCMS (Shimadzu 2010). The GCMS was operated in SIM monitoring to fragment ions per analyte. Recovery data for the stated clean-up procedures and matrix spiked samples met internal quality control requirements.

The extraction efficiency of bromine during the GCMS analysis was performed by determining the bromine concentration in the starting material and the solid residue post extraction using XRF. Using that information the extraction efficiency is determined based on a mass balance approach.

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## Laboratory 2

The second laboratory undertook an intensive period of method development to undertake the analysis of PBDEs in commercial plastic samples for a previous Defra POPs in WEEE project (WRc Ref: UC8720.05/15613-0 February 2012). A 0.1 gram representative sub-sample of the ground material was taken for analysis. This was placed in a soxhlet thimble and inserted into a soxhlet extraction apparatus. A toluene solvent extraction was then undertaken for approximately 12 hours. At the end of the extraction period the solvent phase was cooled and subjected to vacuum rotary evaporation to reduce the solvent volume to 1 ml. The sample was then purified on a 500 mg Silica SPE column and any PBDEs present in the sample were eluted with hexane. An aliquot of the clean extract was then analysed by High Resolution Gas Chromatography-Mass Spectrometry (Waters Micromass).

Considerable work was undertaken to optimise the preparation, extraction and analytical methods and get acceptable recovery of labelled C13 compounds in all stages. Final concentrations of PBDEs were calculated based on the original weight of sample presented for extraction. The analytical methodology used to undertake analysis of plastic samples by this laboratory has been optimised for the determination of PBDEs in plastic materials. The use of labelled internal standards allows recovery correction of PBDE data and is used by the laboratory to eliminate the need for correction equations (or recovery factors).

This approach to analysis is established and applied in a wide range of analytical applications. The assessment of PBDE recovery from a matrix sample was not undertaken.

## Discussion

Further work may be required to develop more effective extraction methodologies for various plastic types and compounds present in the samples. This would provide greater confidence in the levels of PBDEs in plastics. The results in this report are presented alongside their extraction efficiencies. If the extraction efficiency is low, it is likely that the reported PBDE concentration is an under-estimate. However, caution should be made in extrapolating the concentration to 100% as it may not necessarily represent the true concentration of the compounds. For example; an item may be made from a recycled plastic containing PBDEs, but an additional BFR was added as a flame retardant which was not analysed for during GCMS.

## 3. Overview of samples tested

### 3.1 Overview of testing

Table 3.1 provides an overview of the number of samples tested during the project. The table shows the total number of items scanned per category and the total number of XRF scans. The difference between the two numbers demonstrates that for some categories the items contained many sub-components which were scanned individually (SMW, LDA and fridges).

A further breakdown of the number of items scanned per site is provided in Table 3.2 to Table 3.10.

Table 3.1 also shows the number of samples from each category which were sent for GCMS analysis. The samples which were chosen for analysis were based on their bromine concentration. Samples with a range of bromine concentrations were analysed to infer whether bromine in the samples could be from 'legacy' BFRs. For example BFRs used more extensively in the past such as c-octaBDE formulations, may be present at lower than functional concentrations due to recycling practices.

Two CRT samples were submitted for GCMS in 'triplicate' meaning that they were analysed three separate times to determine the variability of the analytical test. Two blended CRT samples were submitted for GCMS analysis as well as one SMW blended sample. These samples represented one entire day's processing at a facility for those WEEE categories.

**Table 3.1 Overview of the number of samples tested during the project**

WEEE category	Number of items scanned	Number of XRF scans	Number of samples submitted for GCMS
PCBs	334	350	20
Exterior cables	100	103	13
Interior cables	110	125	7
Fridges	220	1036	31
FPDs	500	562	28
CRTs	500	629	20 (two samples in triplicate and two blended samples)
LDA	67	652	32
Office equipment	98	445	25
SMW	466	2253	26 (one blended sample)

**Table 3.2 Breakdown of PCB XRF analysis**

PCBs		
Site	Number of items scanned	Number of XRF scans
Viridor, St. Helens	56	69
Environcom, Grantham	100	100
Recycling Lives, Preston	100	102
Veolia, Bridgnorth	78	79
<b>Total</b>	<b>334</b>	<b>350</b>

**Table 3.3 Breakdown of exterior cable XRF analysis**

Exterior cables		
Site	Number of items scanned	Number of XRF scans
Viridor, St. Helens	40	43
Environcom, Grantham	40	40
Recycling Lives, Preston	20	20
<b>Total</b>	<b>100</b>	<b>103</b>

**Table 3.4 Breakdown of interior cable XRF analysis**

Interior cables		
Site	Number of items scanned	Number of XRF scans
Veolia, Bridgnorth	30	45
Recycling Lives, Preston	80	80
<b>Total</b>	<b>110</b>	<b>125</b>

**Table 3.5 Breakdown of fridges XRF analysis**

Fridges		
Site	Number of items scanned	Number of XRF scans
Viridor, St. Helens	150	592
Environcom, Grantham	50	290
Sims, Newport	20	154
<b>Total</b>	<b>220</b>	<b>1036</b>

**Table 3.6 Breakdown of FPD XRF analysis**

FPDs		
Site	Number of items scanned	Number of XRF scans
Veolia, Bridgnorth	264	277
Recycling Lives, Preston	236	285
<b>Total</b>	<b>500</b>	<b>562</b>

**Table 3.7 Breakdown of CRT XRF analysis**

CRTs		
Site	Number of items scanned	Number of XRF scans
Recycling Lives, Preston	149	196
Environcom, Grantham	251	331
CSS, Newbury	100	102
<b>Total</b>	<b>500</b>	<b>629</b>



**Table 3.8 Breakdown of LDA XRF analysis**

LDA		
Site	Number of items scanned	Number of XRF scans
Viridor, St. Helens	27	219
S. Norton, Liverpool	40	433
<b>Total</b>	<b>67</b>	<b>652</b>

**Table 3.9 Breakdown of office equipment XRF analysis**

Office equipment		
Site	Number of items scanned	Number of XRF scans
Sims, Stalybridge	51	273
E3, Port Talbot	47	172
<b>Total</b>	<b>98</b>	<b>445</b>

**Table 3.10 Breakdown of SMW XRF analysis**

SMW		
Site	Number of items scanned	Number of XRF scans
Viridor, St. Helens	466	2253
<b>Total</b>	<b>466</b>	<b>2253</b>

## 4. Analytical results - introduction

### 4.1 Overview of analysis

The XRF analysis was performed using a hand-held XRF analyser calibrated for plastics analysis. The XRF was used primarily to determine the bromine concentration in the plastic, but the following elements were also determined in the same scan: antimony, tin, cadmium, bismuth, lead, selenium, gold, zinc, copper, nickel, iron, chromium, vanadium, titanium, chlorine and barium.

The scanning was performed by placing the analyser flat against a clean surface of the plastic for a scan-time of 30 seconds. For some samples, numerous scans were performed to determine whether the concentration of bromine was uniform throughout the plastic. However, it was noted that scanning of small, irregular items was difficult. This was especially true for small and even standard cables, which may have led to an underestimation of the bromine concentration in these items.

In the following sections, the XRF data has been grouped to create histograms showing the proportion of the scans which indicated a specific bromine concentration. For context, the bromine concentration could be split into categories which correspond to the addition of bromine as a flame retardant:

- functional – BFRs added at functional concentrations, bromine concentration greater than 5 wt.%;
- legacy – BFRs added at concentrations too low to be functional and likely to be present due to the use of recycled plastic, bromine concentration greater than 0.1 wt.% and less than 5 wt.%;
- trace – BFRs or bromine concentration less than 0.1 wt.%; and
- none – no bromine detected.

The limit for all five POPs-PBDEs is 1000 mg/kg which equates to 0.1 wt.%. If the only PBDE present were decaBDE, this would equate to 0.083 wt.% bromine concentration when taking into account the molecular mass of the whole compound.

For ease of reading, throughout this report the concentrations of the XRF analysis are provided at wt.%, but the GCMS analysis results are provided as mg/kg. To convert between the two units, 1 wt.% is equal to 10,000 mg/kg. Therefore, when BFRs are added at functional levels of around 10 wt.%, this would equate to 100,000 mg/kg. This shows that the MCL for

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POPs-PBDEs is stringent and is likely to affect plastics with 'legacy' concentrations of PDBEs as well as functional levels.

The results of the individual WEEE categories are presented in the following sections.

- Section 5 – Printed circuit boards (PCBs);
- Section 6 – Exterior cables;
- Section 7 – Interior cables;
- Section 8 – Cathode ray tube displays (CRTs);
- Section 9 – Flat panel displays (FPDs);
- Section 10 – Large domestic appliances (LDA);
- Section 11 – Fridges;
- Section 12 – Small mixed WEEE (SMW);
- Section 13 – Office equipment.

## 5. Printed circuit boards (PCB) results

### 5.1 XRF analysis

#### 5.1.1 Bromine analysis

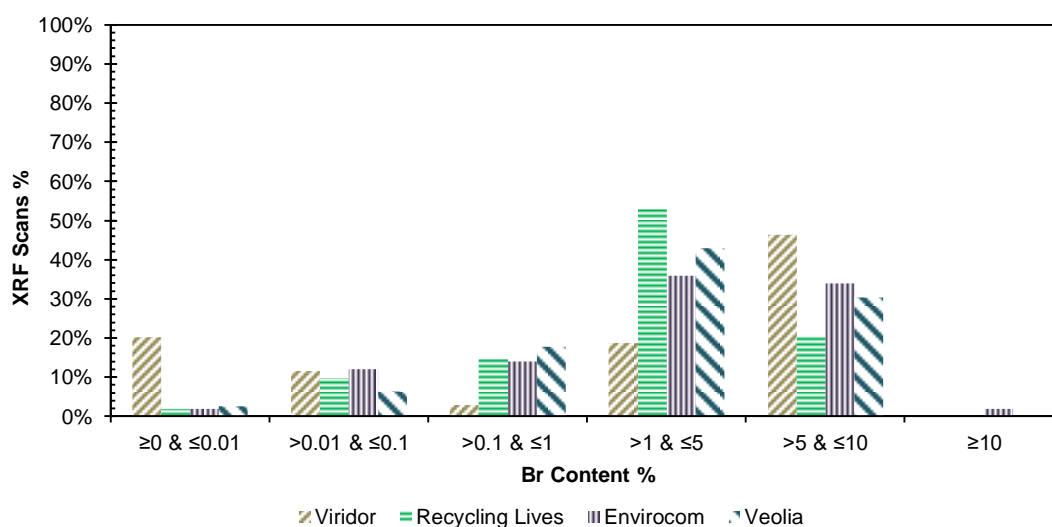
The XRF analysis for the PCBs analysed is shown in Figure 5.1. The data is plotted by facility to provide information on whether there were any geographical influences on the bromine concentration due to the demographics of the areas in which the facilities operate.

Examples of the PCBs scanned are shown in Figure 5.2. The PCBs were of various sizes and from different pieces of equipment. It was not always possible to tell what equipment the PCB had been recovered from, but some were from hard drives and other from items such as hi-fi equipment.

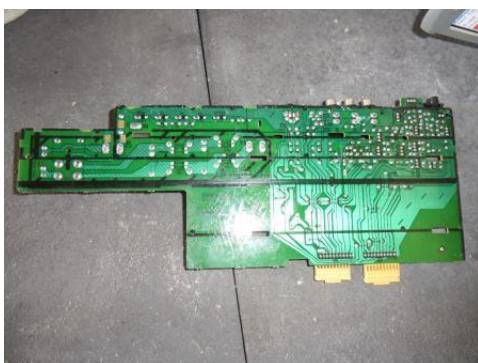
Across all sites, 32% of the scans displayed a bromine concentration of >5 wt.% which demonstrates that a large number of samples contain functional levels of bromine, assumed to be BFRs.

BFRs are a known addition to PCBs. Although much of the literature suggests that TBBPA is the main BFR for PCBs, PBDEs may have also been used. Twenty samples of PCBs were selected for GCMS analysis to provide speciation information for the bromine. This data is provided in 5.2.

**Figure 5.1 XRF data for bromine in PCBs by facility**



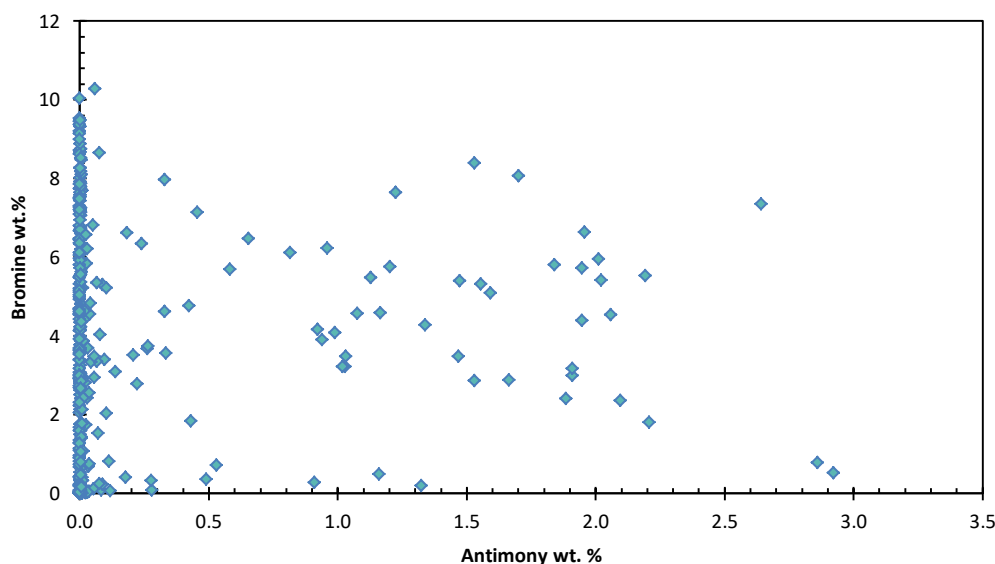
**Figure 5.2** Photographs showing examples of PCBs scanned at each facility.  
Clockwise: Viridor, Recycling Lives, Environcom and Veolia



### 5.1.2 Antimony analysis

The results of the XRF scanning data showed that although antimony was detected in some samples, there was no trend between the bromine and the antimony concentrations (Figure 5.3). However, 11% of the scans resulted in an antimony concentration which would exceed the hazard threshold for antimony trioxide.

Figure 5.3 also shows that there are scans where even though there was a high concentration of bromine detected (up to 10 wt.%) no antimony was detected. This is dissimilar to the other WEEE categories, which generally show a good trend between bromine and antimony especially at high concentrations of bromine. Therefore, this may indicate that a different type of flame retardant is used in PCBs compared to the other WEEE streams, or at least that antimony trioxide is not always added as a synergist.

**Figure 5.3 Antimony vs bromine concentrations in PCB scans**

## 5.2 GCMS analysis

Twenty PCB samples were submitted for GCMS analysis to identify whether PBDE compounds were present. The results are presented in Figure 5.4. These results show that although PBDEs are found in the PCBs, none was detected over the concentration limit of 1000 mg/kg.

The full results are shown in Appendix A, but from those presented in Figure 5.4, where PBDEs were detected, deca-BDE was the congener which was present in the highest concentration.

No decaBDE was detected at concentrations greater than the concentration limit of 1000 mg/kg, and in some samples no PBDEs of any kind were detected despite the PCBs having a high bromine concentration.

Table 5.1 compares the bromine concentration of the samples determined by XRF, the detected PBDE concentration and the GCMS extraction efficiency. It is clear from this data that bromine was detected at functional levels around 10 wt.%, but the detected PBDE concentration did not completely account for all the bromine in the sample. The extraction efficiency of bromine during the GCMS analysis was very poor, in many cases <10% of the bromine was extracted.

The extraction efficiency is dependent on many factors, one of which is the way in which the BFR is added to the plastic matrix. If the BFR is chemically bound to the matrix, which is often the case in PCBs, the extraction of the compound is very difficult. This means that it is

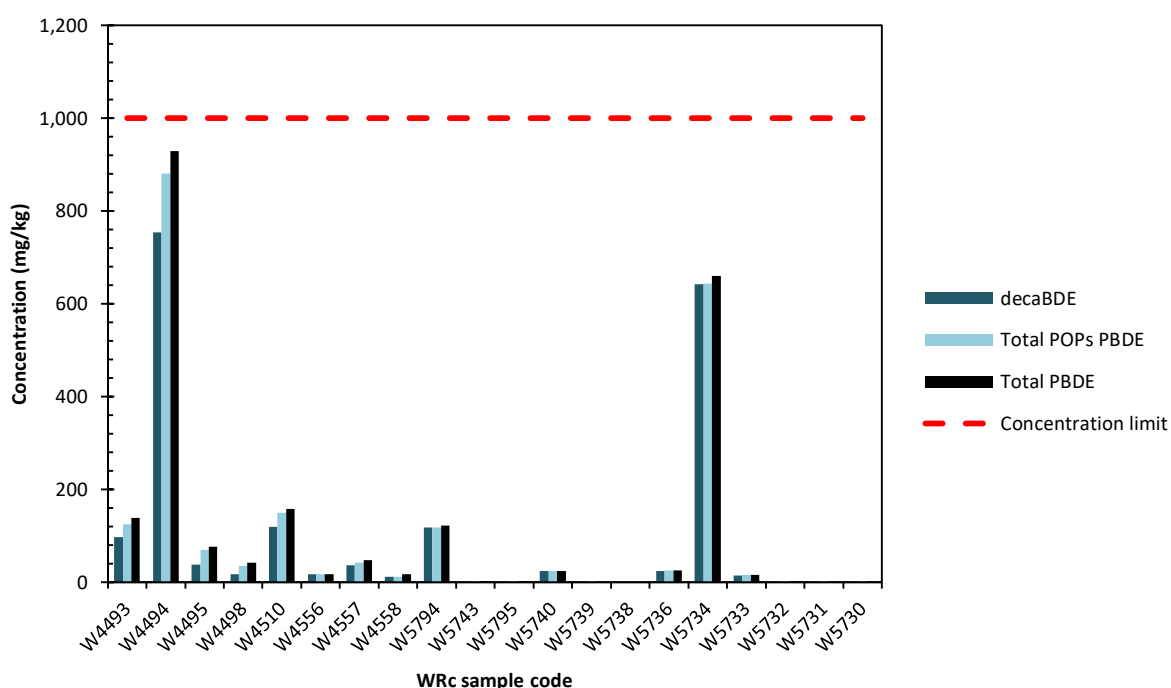
possible that a significant proportion of PBDEs not extracted during the test could account for the 'missing bromine'. In this case, the PBDE concentrations would be significantly under-reported and those samples in which POPs PBDEs were detected may actually have concentrations greater than the concentration limit.

It is also possible that there are other brominated compounds used as flame retardants in PCBs which could account for the 'missing bromine'. It is known that TBBPA is added to PCBs as a flame retardant, but when five of the twenty PCB samples were re-tested for TBBPA, it was not detected. Nor were HBCDD or HxBB determined in any of the samples.

Although there may be a similar issue with the extraction efficiency for these compounds, the fact that PBDEs were found in some samples indicates that they are likely to be the major BFR in PCBs.

Therefore, it can be concluded that POPs-PBDEs are likely to be present in PCBs at concentrations above the concentration limit.

**Figure 5.4 GCMS results for the 20 PCB samples submitted for analysis**



**Table 5.1 The bromine concentration of the PCBs determined by XRF, the PBDE concentration and the bromine extraction efficiency during GCMS analysis**

WRC No	Bromine concentration (wt.%)	Total PBDE (mg/kg)	Total POPs PBDE (mg/kg)	Deca-BDE (mg/kg)	Extraction efficiency (%)
W4493	10.03	138	125	97	2
W4494	5.54	929	880	754	21
W4495	0.01	76	69	37	75
W4498	4.69	42	35	17	2
W4510	9.53	157	150	119	7
W4556	9.00	17	17	17	2
W4557	1.78	47	42	36	2
W4558	0.23	17	11	11	0
W5794	4.62, 5.04*	122	118	117	0
W5743	9.48	0	0	0	4
W5795	8.65, 8.26*	1	1	0	0
W5740	2.94	24	24	23	9
W5739	0.32	1	1	1	27
W5738	6.26	0	0	0	7
W5736	7.15	25	25	24	2
W5734	8.07	660	643	642	1
W5733	7.70	15	15	15	23
W5732	8.53	0	0	0	0
W5731	5.72	1	1	0	1
W5730	6.67	1	1	0	4

\*combination of two PCB samples due to low weight

Key			
Concentration (mg/kg)	Range	Extraction Efficiency (%)	Range
0-500	Below limit	≤ 0	No extraction
500-1000	Near limit	0-30	Poor
1000 ≤	Above limit	30-50	Low
		50-80	Moderate
		80-100	Good



## 6. Exterior cables

### 6.1 XRF analysis

#### 6.1.1 Bromine analysis

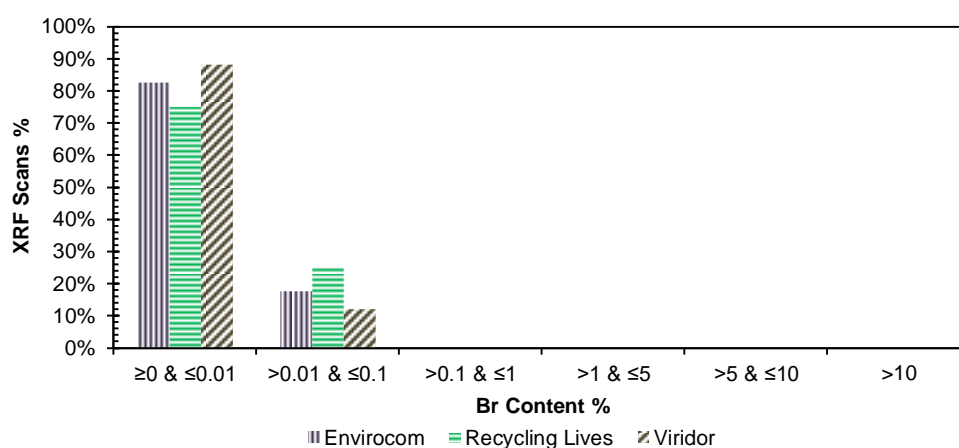
Exterior cables are those which connect the item to the power source via a plug. The scanning of the exterior cables focused on the plastic sheath which covers the wires and not the plug casing. The scanning did not include the internal wiring which is sometimes encased in heat-shrink tubing.

The cables were from a mixture of WEEE categories: 39% from CRTs, 20% from fridges, 21% from SMW and 20% from unknown items. Although it is not clear if cables from all WEEE categories were scanned, it can be assumed that the exterior cable of a fridge is not significantly different to that of an oven or washing machine etc.

From the data presented in Figure 6.1, all the cables scanned had a low or negligible bromine concentration. The maximum bromine concentration which was found was 0.048 wt.%. This concentration would equate to 480 mg/kg bromine, which is just over half the concentration of bromine required to exceed the POPs concentration limit. However, the error of XRF analysis becomes increasingly significant at these lower concentrations and 13 exterior cable samples were therefore submitted for GCMS analysis.

Examples of the cables scanned at each facility are shown in Figure 6.2.

**Figure 6.1 XRF data for bromine in exterior cables by facility**

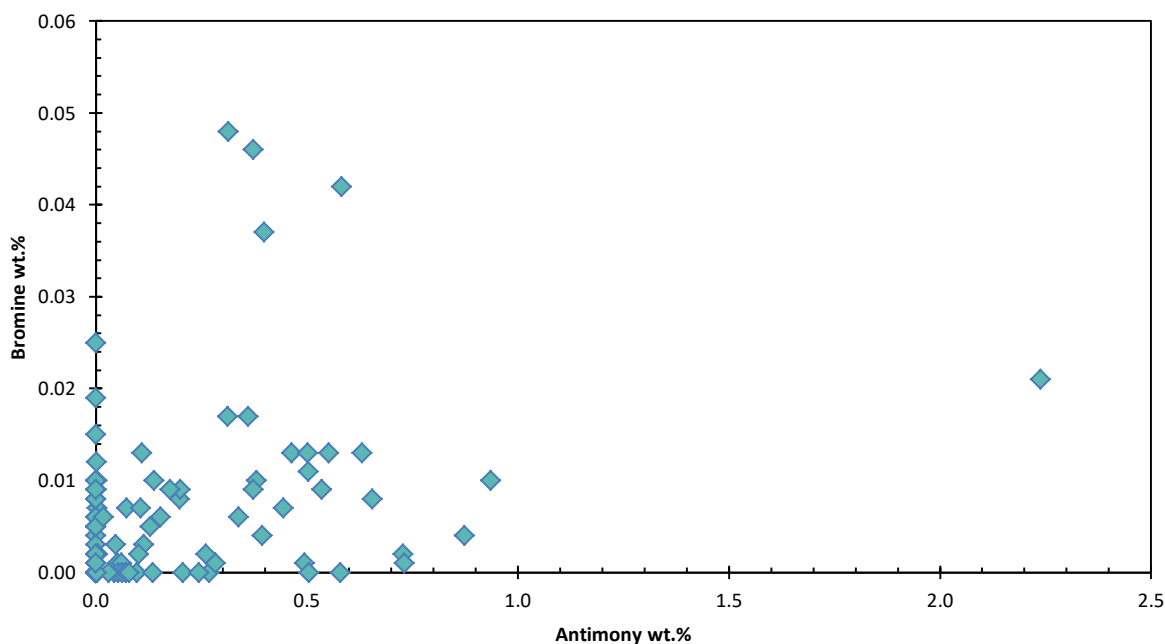


**Figure 6.2** Examples of cables scanned at the facilities: top row Environcom, middle row, Recycling Lives and bottom row, Viridor



### 6.1.2 Antimony analysis

Figure 6.3 shows a plot of the bromine vs antimony XRF data for the external cable scans. The plot shows that there is no significant trend between the two elements, although it is clear that, in some cases, antimony was detected. The bromine concentrations determined via XRF were very low and where antimony was detected, the concentration of antimony was shown to be an order of magnitude greater than the bromine concentration in some scans. However, only a small percentage of the scans (3%) displayed an antimony concentration which would exceed the concentration limit for antimony trioxide.

**Figure 6.3 Bromine vs antimony XRF data for external cables**

## 6.2 GCMS data

DecaBDE was found at a concentration greater than the 1000 mg/kg concentration limit in one sample and at an elevated concentration in another, as shown in Figure 6.4. DecaBDE was shown to be the major PBDE congener present in these samples. No detectable HBCDD or HxBB were found in the samples and no other bromine compounds were investigated.

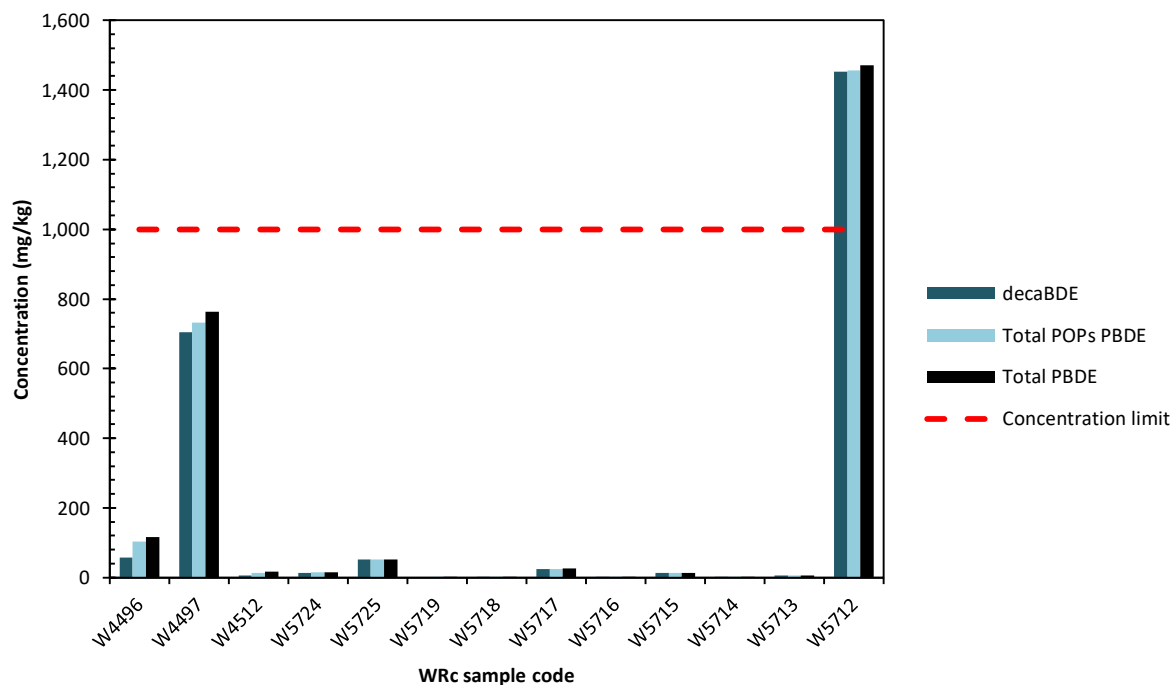
Cables are reported also to contain dechlorane plus, a polychlorinated BFR, which is currently being considered for addition to the POPs list. GCMS analysis was not carried out to identify this compound. Although chlorine was detected in some cables, it was not possible to tell whether this was because they contained dechlorane plus or because they were polyvinyl chloride (PVC) cables.

The XRF concentrations which were determined by scanning did not indicate that bromine was present in the cables at high concentrations, but this may have been due to the insensitivity of XRF at low concentrations and also due to the practical difficulties of scanning cables.

The extraction efficiencies of the cables during the GCMS analysis were mixed. For some samples very good extraction efficiencies were achieved (>90%). Importantly, for the two samples which displayed high decaBDE concentrations, the extraction efficiencies were good. For these samples, there is little 'missing bromine' and so greater confidence can be obtained that the brominated compounds in these samples are PBDEs.

Table 6.1 shows the extraction efficiencies for all the samples. It is interesting to note that the BFRs found in the external cables do not seem to be present at functional levels and may be present as legacy compounds due to the use of recycled plastic. It may be that alternative BFRs were used in these items and were not detected during the XRF analysis.

**Figure 6.4 GCMS results for the 13 exterior cable samples submitted for analysis**



**Table 6.1 The bromine concentration of the external cables determined by XRF, the PBDE concentration and the bromine extraction efficiency during GCMS analysis**

WRC No	Bromine concentration (wt.%)	Total PBDE (mg/kg)	Total POPs PBDE (mg/kg)	DecaBDE (mg/kg)	Extraction efficiency (%)
W4496	0.05	116	104	58	75
W4497	0.01	763	732	704	91
W4512	0.001	16	14	7	70
W5724	0.01	15	14	14	95
W5725	0.002	52	51	51	85
W5719	0.02	0	0	0	5
W5718	0.009	1	1	1	39
W5717	0.01	26	25	25	29
W5716	0.005	1	1	1	7
W5715	0.009	13	13	13	0
W5714	0.019	1	1	1	63
W5713	0.009	6	6	6	19
W5712	0.025	1472	1456	1453	89

Key			
Concentration (mg/kg)	Range	Extraction Efficiency (%)	Range
0-500	Below limit	≤ 0	No extraction
500-1000	Near limit	0-30	Poor
1000 ≤	Above limit	30-50	Low
		50-80	Moderate
		80-100	Good

## 7. Interior cables

### 7.1 XRF analysis

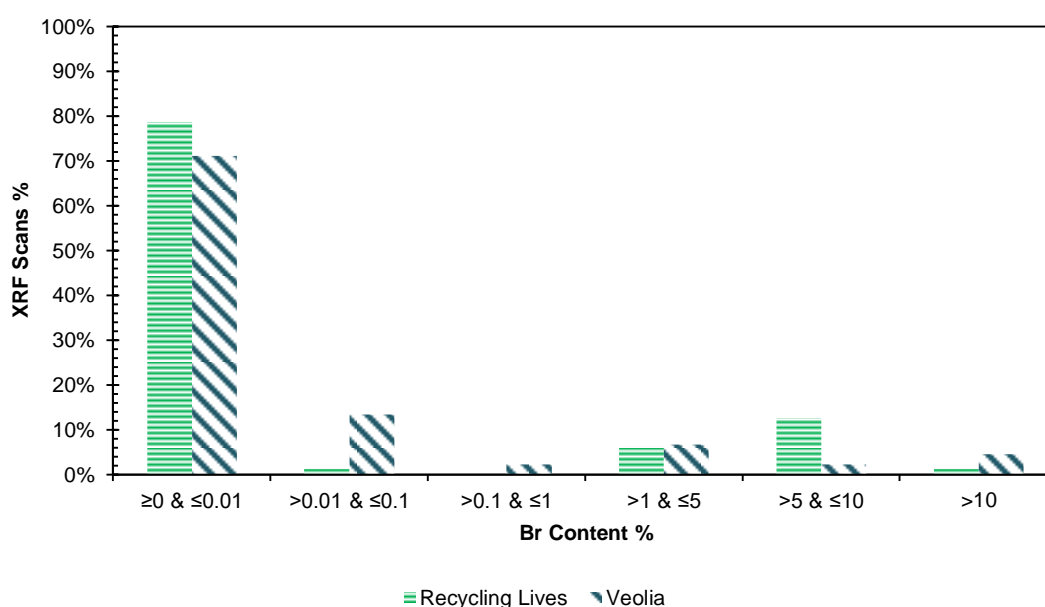
#### 7.1.1 Bromine analysis

Interior cables are those which are found inside WEEE items. These cables are often smaller and thinner than the exterior ones and do not have a sheath covering them. However, some were internal power cables which are composed of several small cables attached together to form a larger lead. Examples of the cables scanned during the project can be seen in Figure 7.2.

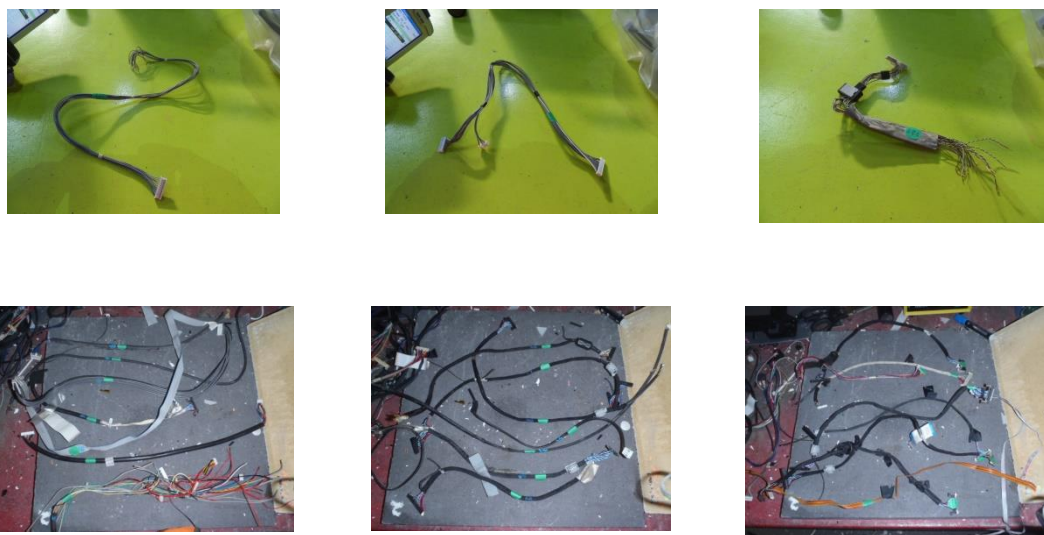
The cables which were scanned were from a variety of WEEE items; 36% of the interior cables were from FPDs, and the remaining from various unknown sources. However, as with exterior cables, there is no reason to believe that the characteristics of interior cables differ between types of WEEE.

Figure 7.1 shows that the bromine content of the interior cables differs from that in the exterior cables. Although the majority of the cables exhibited negligible bromine concentrations, a small proportion showed high bromine concentrations and at what is thought to be functional levels; 11% of the scans reported a bromine concentration >5 wt.%. The highest bromine content found was 14.6 wt.%.

**Figure 7.1 XRF data for bromine in interior cables by facility**



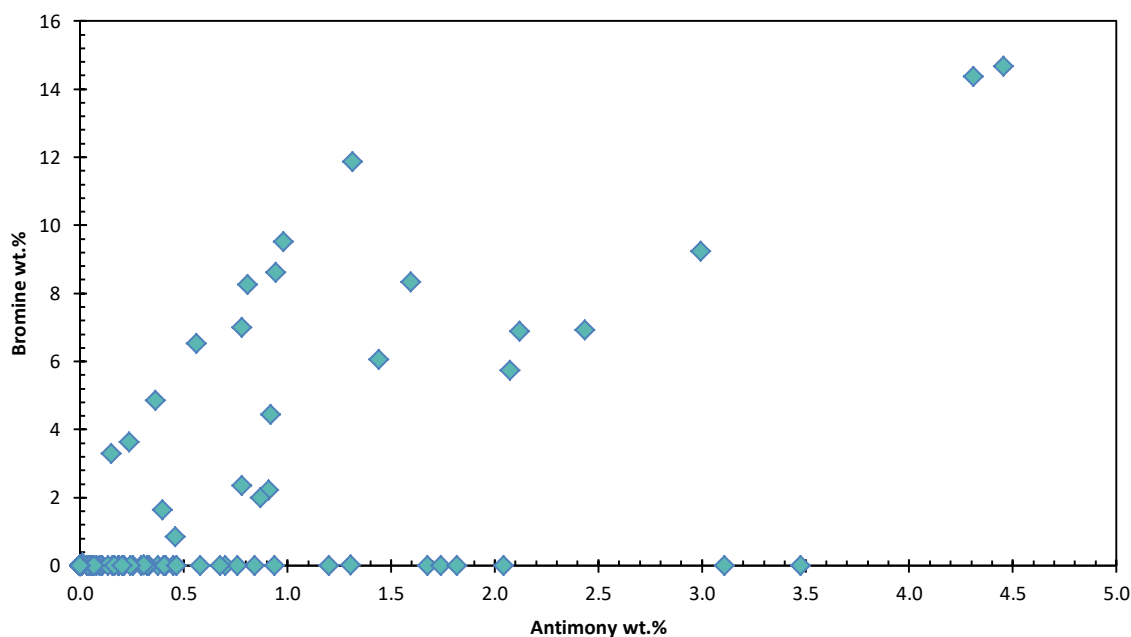
**Figure 7.2** Photographs of examples of interior cables scanned during the project. Top row shows cables from Recycling Lives and bottom row shows cables from Veolia



### 7.1.2 Antimony analysis

The relationship between bromine and antimony in the internal cables is more established than for external cables. The concentrations of both antimony and bromine in the internal cables are orders of magnitude greater than those found in external cables. Figure 7.3 demonstrates that a slight trend can be seen between bromine and antimony in internal cables. The plot demonstrates that antimony could have been added alongside bromine or alongside another component as there are some scans which display a high antimony concentration and no bromine. This may be indicative of the different plastic types used in the manufacturing of internal cables.

In 19% of scans the antimony concentration is at levels which would exceed the hazardous waste concentration limit for antimony trioxide.

**Figure 7.3 Bromine vs antimony XRF data for internal cables**

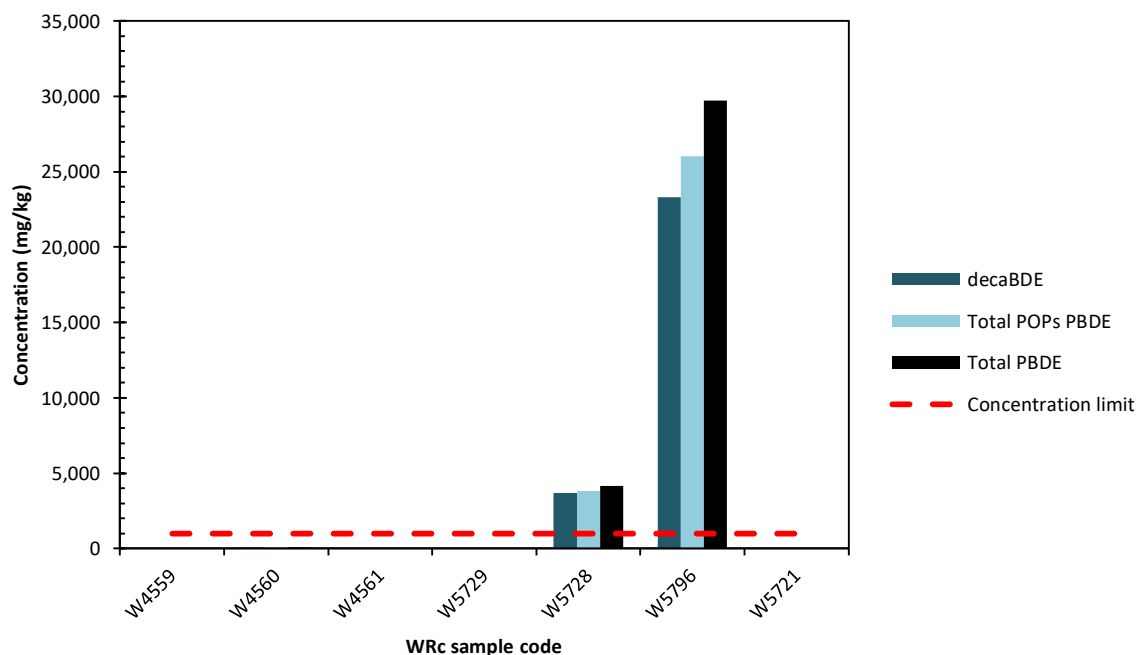
## 7.2 GCMS analysis

Seven samples of interior cables were submitted for GCMS analysis. Two samples returned results which showed POPs-PBDEs at concentrations greater than the concentration limit. DecaBDE was shown to be the PBDE congener present at the highest concentration. In one sample total PBDE concentration was shown to be 29,727 mg/kg, of which the majority was decaBDE (23,333 mg/kg), but octa-BDE (BDE 196) was also found at a concentration greater than the limit (1,273 mg/kg). In this sample nona-BDE (BDE 207) was also found at a concentration of 3,707 mg/kg although this congener is not classified as a POP. This indicates that there may have been some form of commercial PBDE formula added in this sample.

No HBCDD or HxBB compounds were detected in the internal cables.

The extraction efficiencies of the samples during the GCMS analysis were, as for external cables, mixed. This may be due to the type of plastics used in cables. However, the XRF analysis of the samples submitted for GCMS was very low and this does not correspond to the PBDE concentrations which were determined for some of the samples. However, this may again have been a symptom of the insensitivity of XRF at concentrations of bromine less than 1%, but may also have been due to the practical difficulty of scanning cables.



**Figure 7.4 GCMS results for 7 interior cables****Table 7.1 The bromine concentration of the interior cables determined by XRF, the PBDE concentration and the bromine extraction efficiency during GCMS analysis**

Sample ID	Bromine concentration (wt.%)	Total PBDE (mg/kg)	Total POPs PBDE (mg/kg)	DecaBDE (mg/kg)	Extraction Efficiency (%)
W4559	0.006	17	16	14	93
W4560	ND	97	92	90	57
W4561	2.00	18	14	14	0
W5729	0.007	19	19	19	73
W5728	0.008	4136	3798	3678	83
W5796	0.001, 0.005*	29727	26020	23333	71
W5721	ND	53	48	46	22

\*combination of two samples due to weight of items

Key			
Concentration (mg/kg)	Range	Extraction Efficiency (%)	Range
0-500	Below limit	≤ 0	No extraction
500-1000	Near limit	0-30	Poor
1000 ≤	Above limit	30-50	Low
		50-80	Moderate
		80-100	Good

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## 8. Cathode ray tube displays (CRTs)

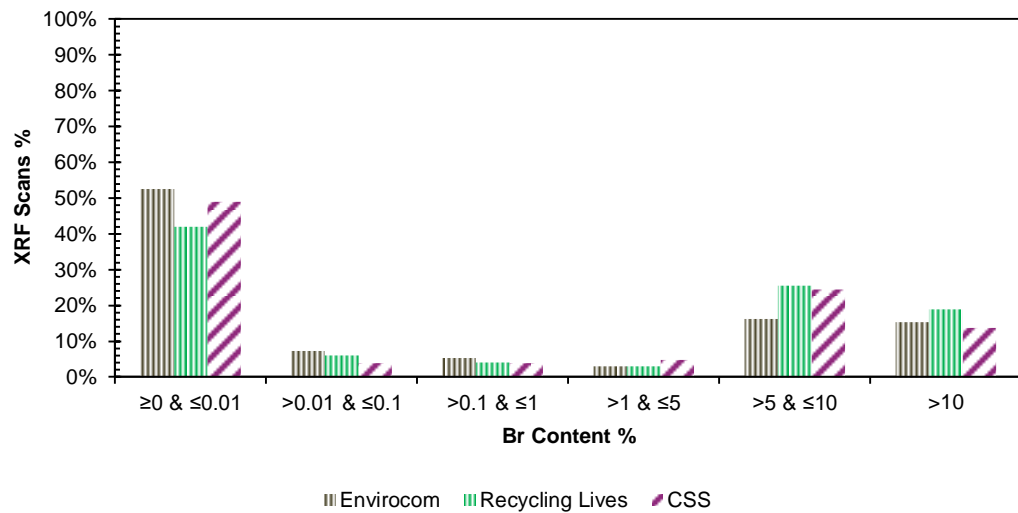
### 8.1 XRF analysis

#### 8.1.1 Bromine analysis

CRT display units were scanned at three different facilities. The part of the CRTs that was scanned was the plastic unit casing as shown in Figure 8.2. This casing is usually made of a single piece of plastic and a single polymer type. Therefore, only a single scan on the unit was necessary to determine the bromine concentration. However, for some units several scans were taken to understand if there were any differences in the bromine concentration across the plastic.

The XRF scanning data is shown in Figure 8.1. At Recycling Lives and Environcom the scans of the CRT plastic were all made on the external face of the casing, but at CSS a mixture of scans from the internal and external face of the casing were made. As shown in Figure 8.1 there is no observable difference between the data across all three sites and all show similar results. This means that it is not likely that the bromine concentration is a result of a surface coating on the external face of the unit, but added uniformly with the polymer during manufacturing. A comparison between the XRF scanning data and XRF analysis of the samples submitted to GCMS analysis after it had been ground to <1 mm showed no differences in the results. This provides additional evidence that the BFR is added to CRTs across the entire matrix.

The data demonstrates that across all sites, 37% of the scans displayed a bromine concentration >5 wt.%. The distribution of the histogram demonstrates that in CRT casings, bromine is likely to be either not present or added at functional levels.

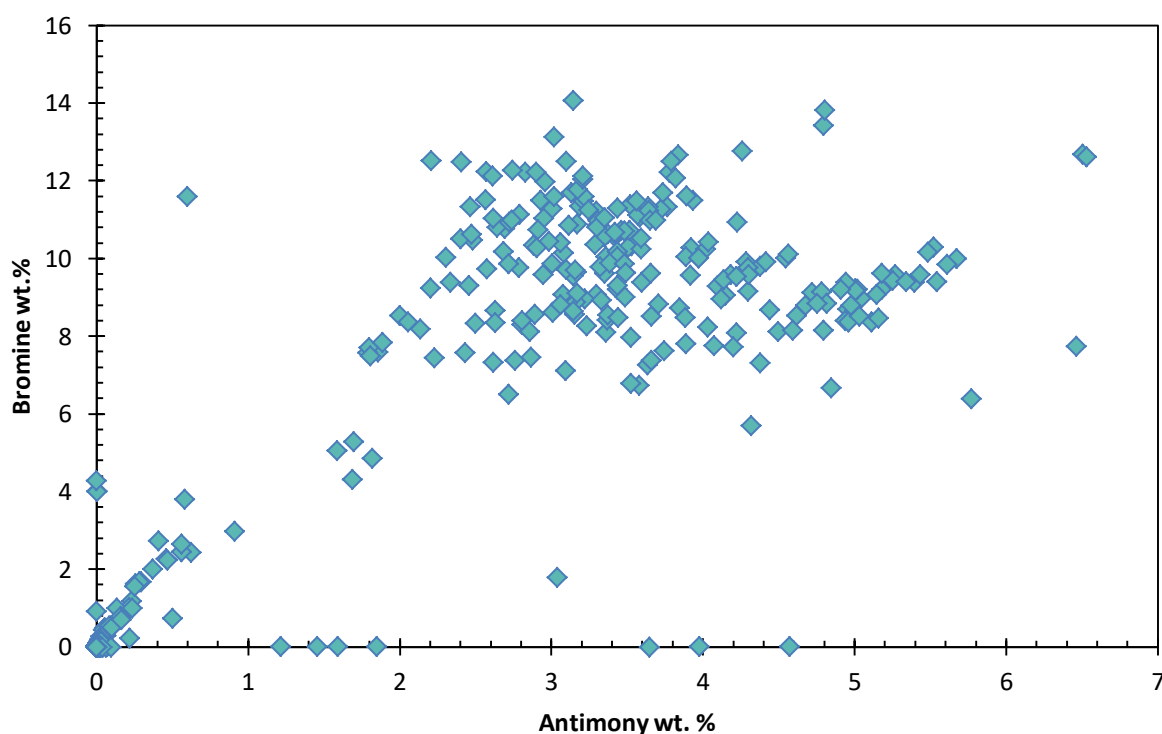
**Figure 8.1** XRF data for bromine in CRT display units by facility**Figure 8.2** Examples of CRT units scanned during the project. Top row Environcom, middle row Recycling Lives and bottom row, CSS (internal view)

### 8.1.2 Antimony analysis

A good correlation was observed between the bromine and antimony concentrations in CRT casings. The data presented in Figure 8.3 shows that in almost all scans antimony was found alongside bromine. This coincides with the knowledge that antimony trioxide is added alongside BFRs as a synergist and therefore, provides additional confidence that the bromine found in CRTs is likely to be associated with BFRs.

As shown in the data, antimony was detected in a large number of scans, and 38% of the scans contained an antimony concentration which would mean that the equivalent antimony trioxide concentration would be greater than the concentration limit (1 wt.%).

**Figure 8.3 Bromine vs antimony XRF data for CRTs**



## 8.2 GCMS analysis

GCMS analysis was performed on fourteen individual CRT samples and two 'blended' samples. Two of the individual samples (W4466 and W4472) were tested in 'triplicate' i.e. three sub samples of the same sample submitted for analysis to determine the variability of the results. The two 'blended samples' were sub-samples obtained from a larger sample collected at CSS in Newbury. This blended sample was representative of one day's operation at the site and so could be considered to be a blended sample of >500 individual CRTs. The GCMS results are plotted in Figure 8.4 and Figure 8.5.

Out of the fourteen individual CRT samples analysed, five had concentrations of POPs-PBDEs greater than the MCL. W4472, which was tested in 'triplicate' returned PBDE concentrations which were very high (~130,000 mg/kg). However, this value is what would be expected if the PBDE-FR was added at functional levels (13 wt.%).

The blended samples also returned POPs-PBDE concentrations greater than the concentration limit. The fact that the concentration of POPs-PBDEs in a large batch of CRT casings is higher than the MCL indicates that a large proportion of CRT casings is likely to contain POPs-PBDEs at functional levels.

In the blended samples, the decaBDE concentration accounts for the majority of the total PBDE concentration, but in sample W4472 the majority of the PBDE concentration is made up of hexaBDE, heptaBDE and octaBDE. This indicates that in this particular sample the BFR used was likely c-octaBDE, and the low decaBDE concentration may be due to the age of the unit.

The extraction efficiencies of the bromine during the GCMS analysis (Table 8.1) were generally very good and for most of the samples extraction efficiencies of >90% were achieved. The high extraction efficiencies are likely to be linked to the use of ABS as the plastic type for CRT casing for which the GCMS extraction method is well suited.

For the sample tested in triplicate (W4472), the total PBDE concentration matches well with the bromine concentration determined by XRF and so there is no 'missing bromine' for that sample. However, for other samples, there is a large amount of 'missing bromine' even when there was an extraction efficiency of almost 100%. This indicates that it is possible that another brominated compound is present which was not analysed by GCMS.

Other brominated compounds which the samples were tested for were HBCDD and HxBB (all samples) and TBBPA (three samples), but none were detected. Therefore, if other brominated compounds are present in the CRT casings, they are not known.

However, the results have shown that POPs-PBDEs above the MCL are present in CRTs.



**Table 8.1 The bromine concentration of the CRT samples determined by XRF, the PBDE concentration and the bromine extraction efficiency during GCMS analysis**

WRC No	(WRC) Bromine Content	Total PBDE	Total POPs PBDE	Deca BDE	Extraction Efficiency
W4466	10.68	338	272	95	47
W4466	10.68	153	129	84	41
W4466	10.68	110	103	74	59
W4467	0.00	924	783	39	93
W4468	0.51	1169	1010	658	96
W4469	0.97	941	435	0	92
W4470	3.80	1582	1468	1197	96
W4471	11.65	170	128	0	94
W4472	13.63	128573	107055	6344	97
W4472	13.63	130397	107942	5833	97
W4472	13.63	136065	112633	6768	97
W4473	11.21	1404	820	0	69
W4566	7.93	211	170	84	88
W4567	4.01	2	2	1	83
W4568	7.45	1099	952	33	90
W4569	5.70	53	41	31	95
W4570	ND	1	1	1	92
W4571	0.00	1	1	1	30
W4515 (blended)	-	8912	8726	8703	88
W5085 (blended)	-	8403	7689	7335	76

Key			
Concentration (mg/kg)	Range	Extraction Efficiency (%)	Range
0-500	Below limit	≤ 0	No extraction
500-1000	Near limit	0-30	Poor
1000 ≤	Above limit	30-50	Low
		50-80	Moderate
		80-100	Good

# 9. Flat panel displays (FPDs)

## 9.1 XRF analysis

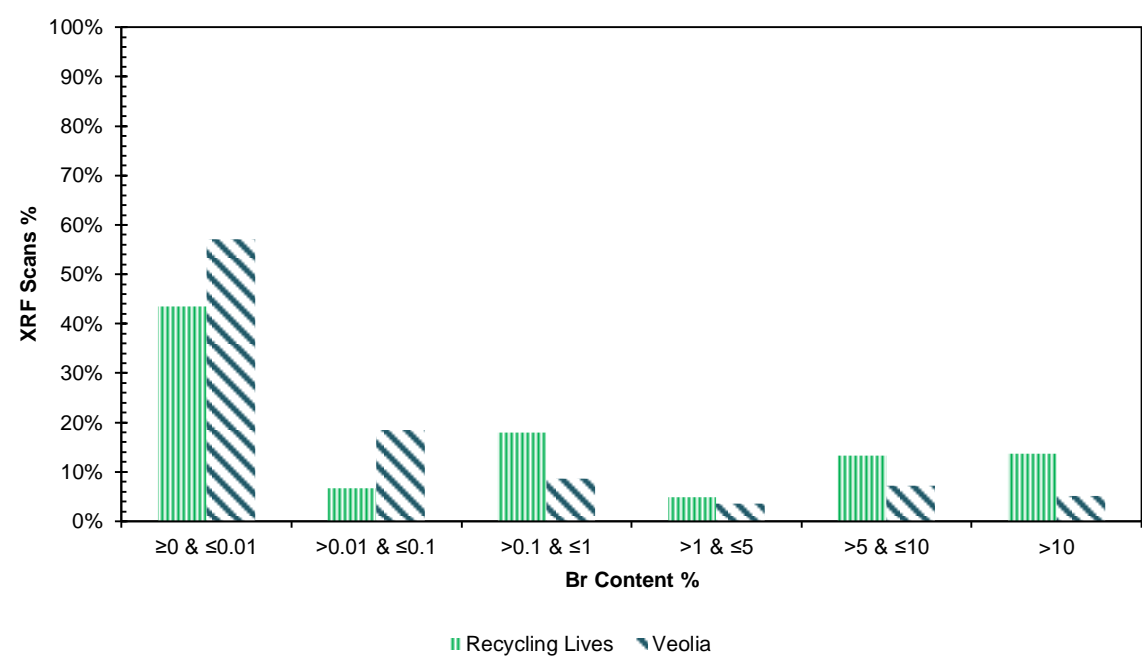
### 9.1.1 Bromine analysis

Scans of FPD casings were done at two separate facilities. FPDs from both televisions and computer monitors were scanned. As with the CRT casings, the FPD casing is typically made of a single plastic piece and a single polymer (although the front face may have a different polymer for aesthetic purposes).

During the scanning exercise the scans were taken from the back of the unit.

The XRF scanning data is shown in Figure 9.1. The fraction of scans which had a bromine concentration >5 wt.% is lower than that found in CRTs. However, 20% of the scans showed bromine levels consistent with functional levels of BFRs.

**Figure 9.1** XRF data for bromine in FPD units by facility



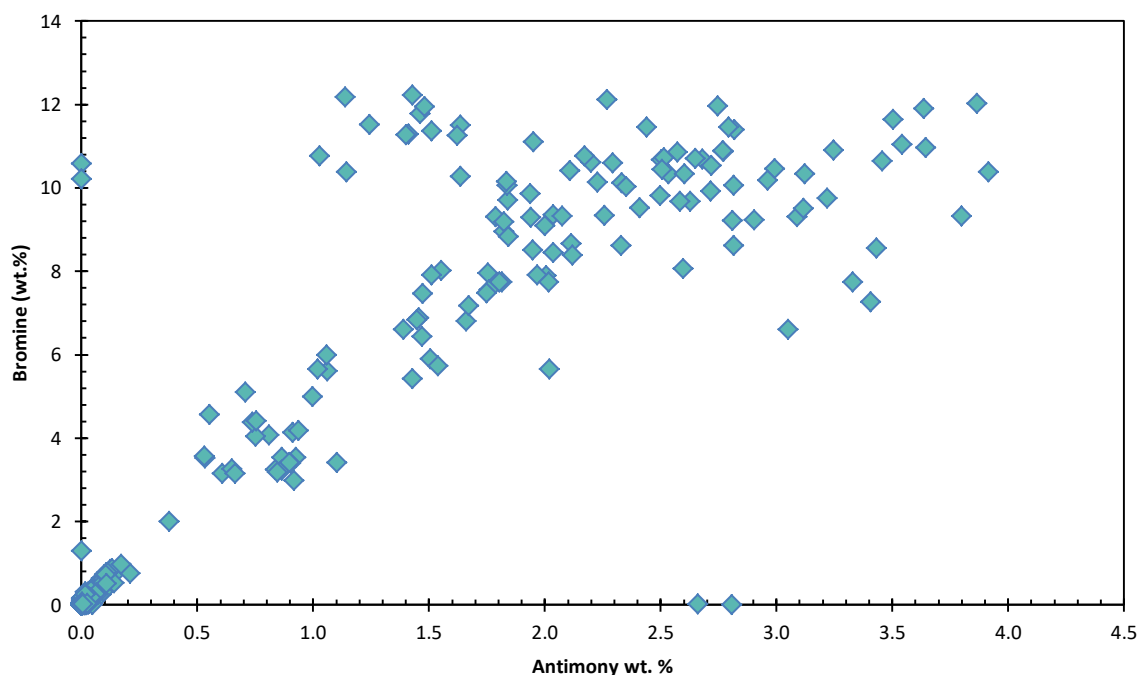


**Figure 9.2** Examples of FPD units scanned during the project. Top row Recycling Lives and bottom row Veolia



### 9.1.2 Antimony analysis

The XRF scanning data show a good correlation between the antimony concentration and the bromine concentration. This aligns with the use of antimony trioxide as a synergist for BFRs. In almost all the scans in which bromine was detected, antimony was also detected. As the bromine concentration reaches the functional levels for BFRs of >5 wt.%, the antimony concentration exceeds 1 wt.% which is greater than the concentration limit for antimony trioxide (1 wt.%). The XRF data showed that 33% of the scans recorded an antimony concentration, assumed as antimony trioxide, above the MCL.

**Figure 9.3 Bromine vs antimony XRF data for FPDs**

## 9.2 GCMS analysis

GCMS analysis was performed on twenty eight individual FPD samples. Out of these, three exceeded the MCL for PBDE-POPs and one was found to contain high levels of TBBPA exceeding the MCL for hazardous waste.

Sample numbers W4543 and W4547 had PBDE concentrations >1000 mg/kg and despite extraction efficiencies of ~50% this accounted for the majority of bromine in the FPDs. However, the concentrations of PBDEs found in most of the other samples did not account for the majority of the bromine that was detected using XRF. For example; sample W4876 reported a total PBDE concentration of 8,526 mg/kg which does not account for the 10 wt.% of bromine that was detected using XRF. However, this sample has a poor bromine extraction efficiency and therefore the PBDE concentration is likely to be under reported.

The extraction efficiencies for FPD casings are presented in Table 9.1. The efficiencies are not as good as those obtained for CRT casings. This may be because the FPDs are made of different plastic types which are not suited for the GCMS extraction technique, or because other brominated compounds are present in the plastic which are not as easily extracted.

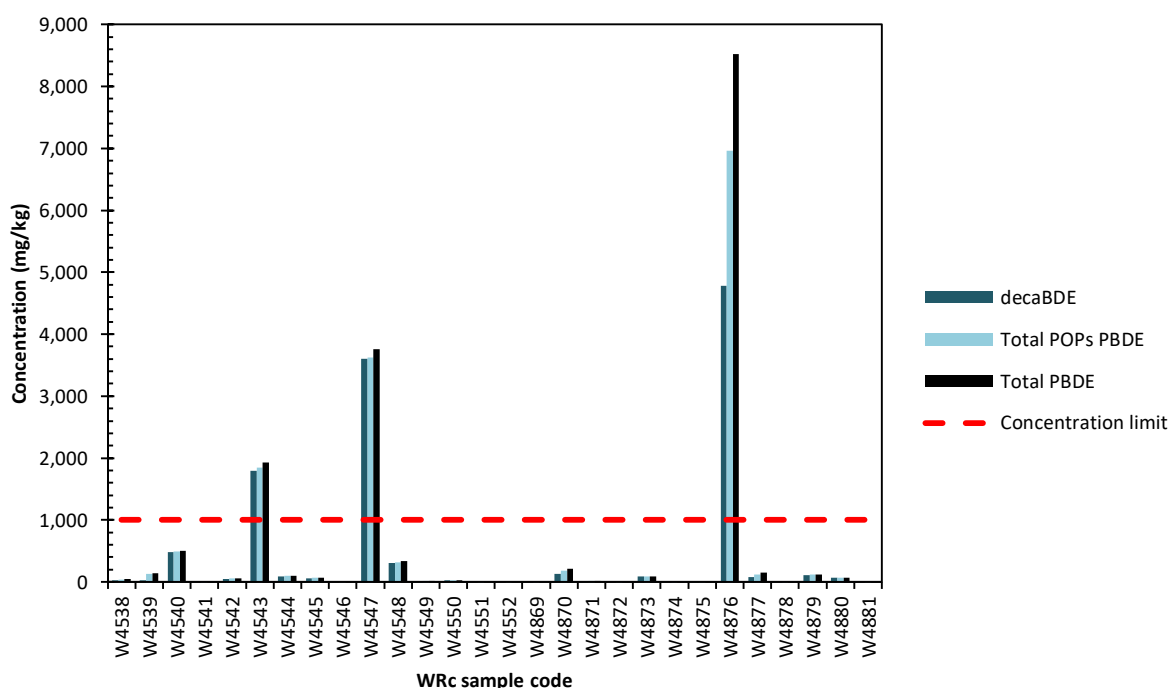
Three of the FPD samples were analysed for TBBPA. In two of the samples TBBPA was detected at low concentrations, but in one sample W4551, the TBBPA concentration was 125,250 mg/kg which corresponds well with the bromine concentration of 10.6 wt.% determined by XRF. It may be that for some of the other samples, TBBPA is present and this

could account for the 'missing bromine' but further work would be required to provide supporting evidence.

Negligible HBCDD and HxBB concentrations were detected in a small number of samples, but the majority of the samples reported these compounds below the limit of detection (<10 mg/kg).

However, the results has shown that POPs-PBDEs above the MCL are present in FPDs.

**Figure 9.4 GCMS analysis for 28 FPD samples**



**Table 9.1 The bromine concentration of the FPD samples determined by XRF, the PBDE concentration and the bromine extraction efficiency during GCMS analysis**

Sample ID	Bromine concentration (wt.%)	Total PBDE (mg/kg)	Total POPs PBDE (mg/kg)	Deca-BDE (mg/kg)	Extraction efficiency (%)	TBBPA (mg/kg)
W4538	9.82	48	39	26	14	
W4539	0.07	138	134	27	17	
W4540	0.17	503	487	477	50	
W4541	5.10	2	2	0	50	140
W4542	3.19	60	54	48	30	
W4543	0.39	1928	1847	1795	57	
W4544	0.15	99	95	91	86	
W4545	7.97	69	63	61	92	
W4546	10.33	6	3	0	3	14
W4547	0.54	3762	3628	3604	51	
W4548	2.00	333	320	308	26	
W4549	3.41	15	13	9	90	
W4550	0.00	26	24	23	68	
W4551	10.64	3	3	0	71	125250
W4552	7.75	4	1	0	22	
W4869	11.33	5	5	0	37	
W4870	10.89	211	177	129	94	
W4871	10.44	12	12	7	18	
W4872	11.38	1	1	0	46	
W4873	10.32	91	91	88	88	
W4874	11.61	6	6	0	20	
W4875	0.00	6	5	5	83	
W4876	10.70	8526	6963	4779	19	
W4877	4.06	153	116	75	92	
W4878	4.40	2	2	0	52	
W4879	7.18	120	120	113	89	
W4880	5.58	69	69	66	75	
W4881	3.11	1	1	0	75	

Key			
Concentration (mg/kg)	Range	Extraction Efficiency (%)	Range
0-500	Below limit	≤ 0	No extraction
500-1000	Near limit	0-30	Poor
1000 ≤	Above limit	30-50	Low
		50-80	Moderate
		80-100	Good

## 10. Fridges

### 10.1 XRF analysis

#### 10.1.1 Bromine analysis

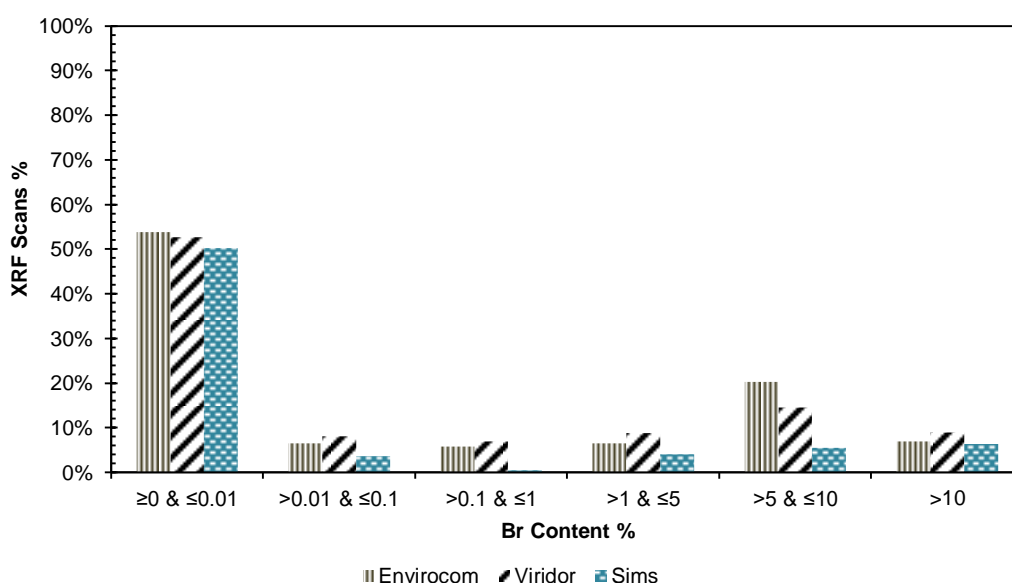
In this report, 'fridges' refers to refrigerators and freezers included in the UK WEEE category of cooling appliances containing refrigerants.

Many of the plastic components in fridges are small electrical casings or connectors present around the compressor unit. Fridges also contain larger plastic parts such as trays and shelves. The fridges were dismantled to remove the plastic components to be scanned. Doors, side panels and backs were also scanned.

The data plotted in Figure 10.1 shows the XRF scan data for the fridge plastics. Although just over 50% of the scans reported negligible bromine concentrations, 24% of the scans reported bromine concentrations >5%.

Examples of the types of plastic items scanned from fridges are shown in Figure 10.2. Typically, the components in which bromine was detected at high levels (>5 wt.%) were electrical casings, compressor casings and other internal pieces of plastic found around the compressor. The trays and large pieces of plastic found in other parts of the fridge did not display high levels of bromine.

**Figure 10.1 XRF data for bromine in fridges by facility**



**Figure 10.2** Examples of plastic components from fridges scanned. Top row are components from Environcom, the middle row from Viridor and the bottom row from Sims

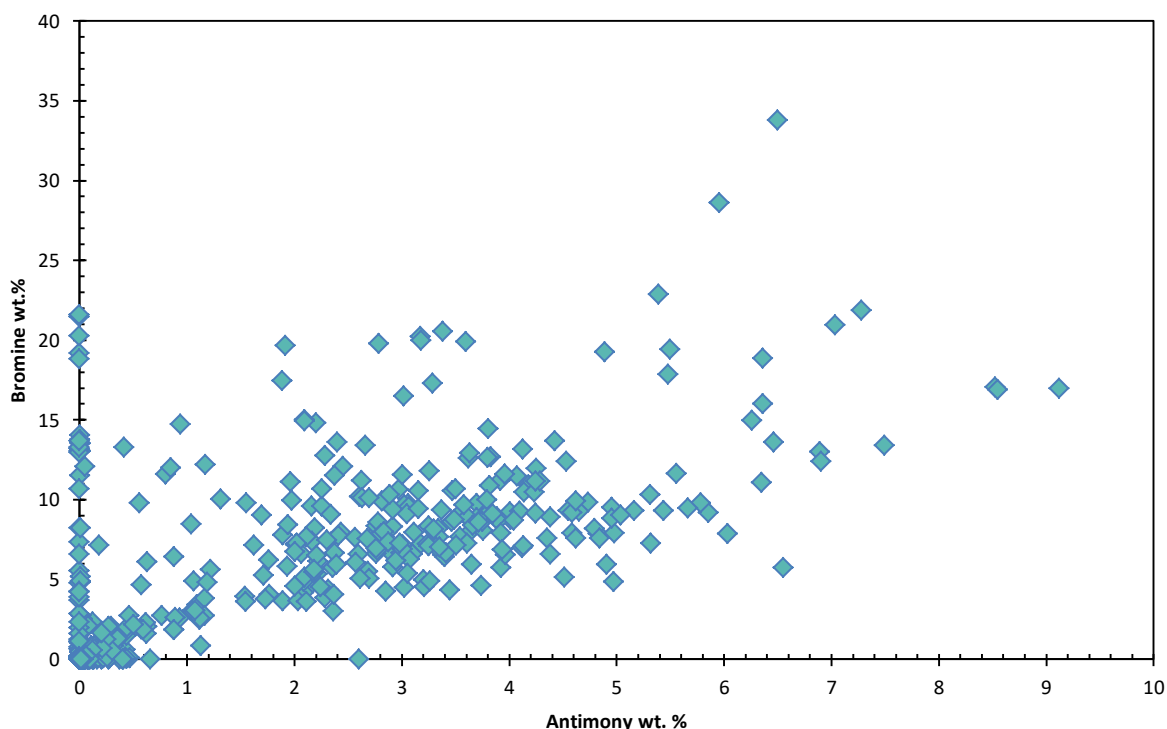


### 10.1.2 Antimony analysis

Antimony was detected above the concentration limit for antimony trioxide in 26% of XRF scans.

As with other WEEE categories, a relationship can be seen between the bromine and the antimony concentrations determined by XRF.

The relationship between the antimony and the bromine can be seen in Figure 10.3.

**Figure 10.3 Bromine vs antimony data for fridge scans**

## 10.2 GCMS analysis

Out of thirty one samples which were sent for GCMS analysis, nine reported high POPs-PBDE concentrations, greater than the concentration limit of 1000 mg/kg. As shown in Figure 10.4 and Figure 10.5, decaBDE is the major PBDE congener present in the components.

The highest concentration of POPs-PBDEs found in the components was 65,672 mg/kg which aligns fairly well with the initial XRF concentration of 10 wt.%. The extraction efficiency of bromine in this component was 76% and so there is a good degree of confidence that POPs-PBDEs are the only brominated compounds in this component. POPs-PBDEs were found in the components at functional levels and rather than 'legacy' concentrations.

No HBCDD or HxBB compounds were detected in any of the samples which were submitted for analysis.

The components which were found to contain POPs-PBDEs were:

- a piece of internal framework;
- an internal case;
- a pipe;
- an electrical junction box;
- two cable boxes;

- 
- wiring cover;
  - an electrical control box; and
  - a compressor box.

As can be seen in Figure 10.4 and Figure 10.5, all the components which were shown to contain high levels of bromine and submitted for GCMS analysis were internal components situated close to the compressor. No items such as drip trays or shelving were found to contain bromine and neither was bromine found in the fridge doors, sides or back. Typically, those components which were found to contain bromine were small relative to the overall unit and this is important when assessing the POPs concentration of a fridge as an entire unit. A further discussion of this is made in section 14.2.5.

The extraction efficiencies for the components are shown in Table 10.1 and there is a mixture of good and poor extractions. In these units, several different polymer types are commonly used and some are more suited to the extraction technique used than others.

Some of the components removed for scanning were inspected to provide an overview of the types of polymers used in fridge components. The results of this inspection are presented in Table 10.2. The analysis showed that most of the components were glass filled and not manufactured from styrene polymers. The use of glass filled plastic is not uncommon for components which are located adjacent to electrical and/or thermal sources. It was not possible to identify the plastic type of all the components analysed or sent for GCMS, and only an indication of the types of plastics typically used is provided in this report.

Nevertheless the analysis shows that due to the use of multiple plastic types there are difficulties in achieving sufficient extraction of the bromine compounds. This has been the case for several WEEE streams and further work may be required to develop more suitable extraction techniques.



Figure 10.4 GCMS data for the 31 fridge components submitted PBDE analysis

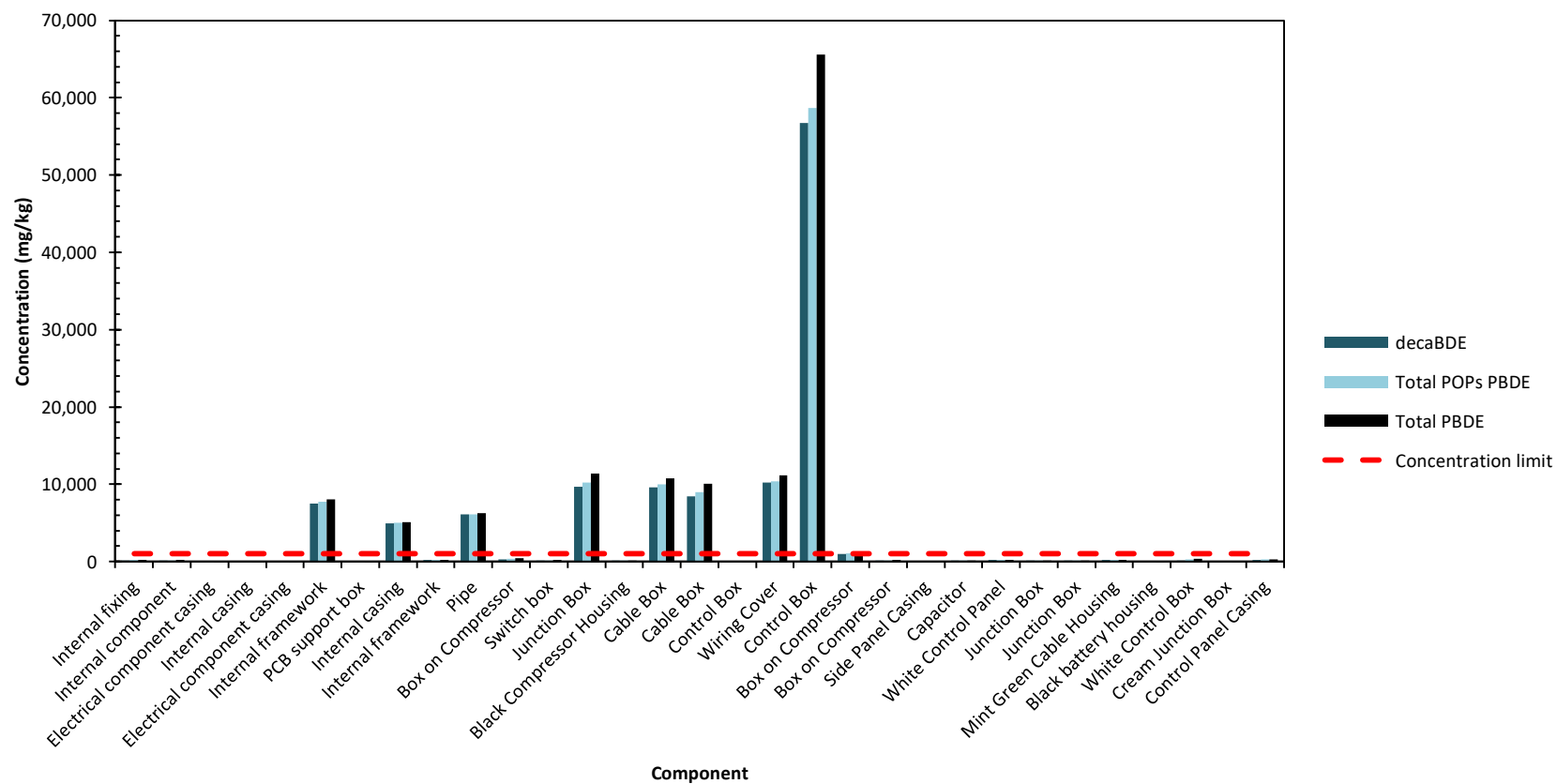
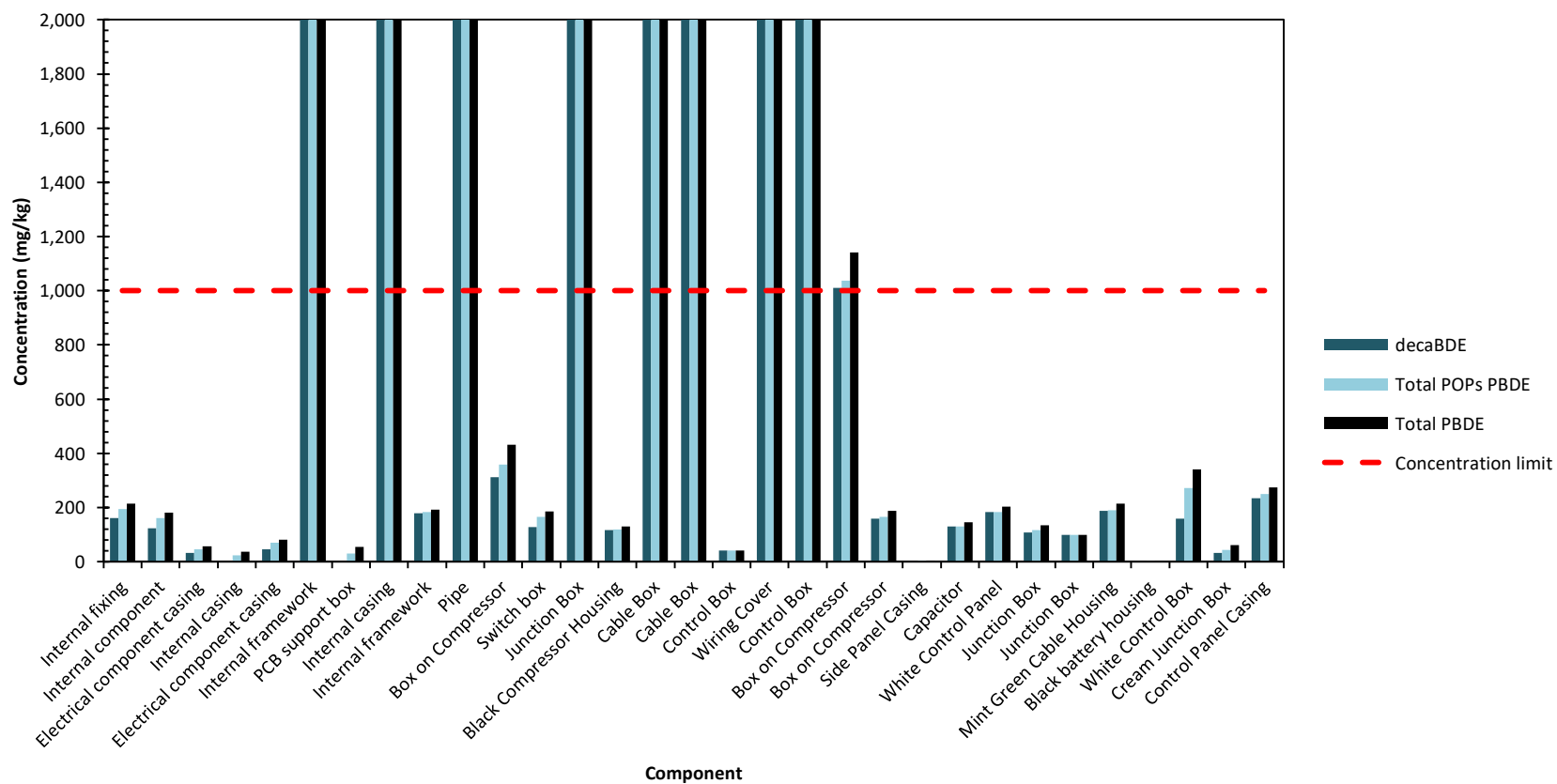


Figure 10.5 Same as Figure 10.4, with revised axis limits












**Table 10.1 Extraction efficiencies for each fridge component submitted for GCMS**

Component	Bromine concentration (wt.%)	Total PBDE (mg/kg)	Total POPs PBDE (mg/kg)	Deca-BDE (mg/kg)	Extraction Efficiency (%)
Internal fixing	0.09	214	195	160	69
Internal component	5.13	181	161	124	43
Electrical component casing	5.96	56	45	32	2
Internal casing	13.12	36	24	0	5
Electrical component casing	8.64	82	70	46	5
Internal framework	17.06	8053	7747	7531	17
PCB support box	8.89	54	31	0	97
Internal casing	14.98	5102	4982	4944	2
Internal framework	0.04	192	184	179	92
Pipe	7.19	6292	6142	6095	92
Box on Compressor	20.62	432	357	313	4
Switch box	10.33	186	164	127	16
Junction Box	28.60	11419	10224	9714	31
Black Compressor Housing	17.88	129	119	117	6
Cable Box	13.02	10793	9962	9563	55
Cable Box	16.98	10065	8983	8434	51
Control Box	12.39	42	42	41	88
Wiring Cover	11.18	11134	10370	10188	87
Control Box	10.13	65562	58671	56690	76
Box on Compressor	16.29	1141	1037	1011	1
Box on Compressor	11.09	187	165	158	0
Side Panel Casing	4.91	3	3	0	2
Capacitor	33.80	145	130	130	0
White Control Panel	7.58	203	184	182	96
Junction Box	5.63	133	116	107	13
Junction Box	6.40	99	99	99	52
Mint Green Cable Housing	7.93	213	190	188	94
Black battery housing	19.80	1	1	0	0
White Control Box	10.03	340	273	158	90
Cream Junction Box	19.89	61	43	32	6
Control Panel Casing	12.93	274	250	234	79

Key			
Concentration (mg/kg)	Range	Extraction Efficiency (%)	Range
0-500	Below limit	$\leq 0$	No extraction
500-1000	Near limit	0-30	Poor
1000 $\leq$	Above limit	30-50	Low
		50-80	Moderate
		80-100	Good

Table 10.2 Fridge plastic components and analysis

Sample Number	Fridge manufacturer	Description	Picture	Plastic type	Bromine concentration (%)
FRI26F	Thermax	Casing attached condenser		Nylon GF	8.42
FRI46C	Unknown	Casing attached condenser		Nylon GF	4.81
FRI117B	Lec	Blue cable connector box		Nylon	9.42
FRI119B	Lec	White compressor housing		PC GF	4.79
FRI122G	Proline	Compressor housing black		PP GF	6.76
FRI135C	Hotpoint	Black junction box		Nylon GF	5.63

Sample Number	Fridge manufacturer	Description	Picture	Plastic type	Bromine concentration (%)
FRI6H	Smeg	Bulb holder		Nylon GF	14.47
FRI19A	Samsung	Control box top panel		PP GF	6.93
FRI15G	LG	Fan motor casing		POM	3.07

Key	
Acronym	Plastic
Nylon GF	Nylon glass filled
PC GF	Polycarbonate glass filled
PP GF	Polypropylene glass filled
POM	Polyoxymethylene

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## 11. Large domestic appliances (LDA)

### 11.1 XRF analysis

#### 11.1.1 Bromine analysis

In this report LDA refers only to heavy white goods such as washing machines, tumble driers and dishwashers and not to the UK WEEE category large household appliances (LHA) nor to the LHA collection stream. Both the LHA category and collection stream include other items e.g. microwaves, radiators, fans as well as large white goods.

LDA items contain a large metal fraction, but plastic components are used for cosmetic applications, frameworks and internal component casings (electrical items, motor casings etc.). LDA items were dismantled to remove plastic components often located internally. The components which were scanned ranged from small electrical connectors to panelling and plastic frameworks. Examples of the types of plastic components scanned are shown in Figure 11.2.

The weights of components varied. Some of them were <10 g whilst others were around 300 g. Weight of component relative to the weight of the whole item is important because a high concentration in a small electrical component would not necessarily mean that the whole item would have a total POPs-PBDE or hazardous substance concentration above the MCL. This is discussed further in section 14.2.5.

It can be seen from Figure 11.1 that the majority of the scans of LDA plastic had negligible bromine concentrations and approximately 10% of the scans displayed bromine at functional levels for BFRs (>5 wt.%).

Figure 11.1 XRF data for bromine in LDA by facility

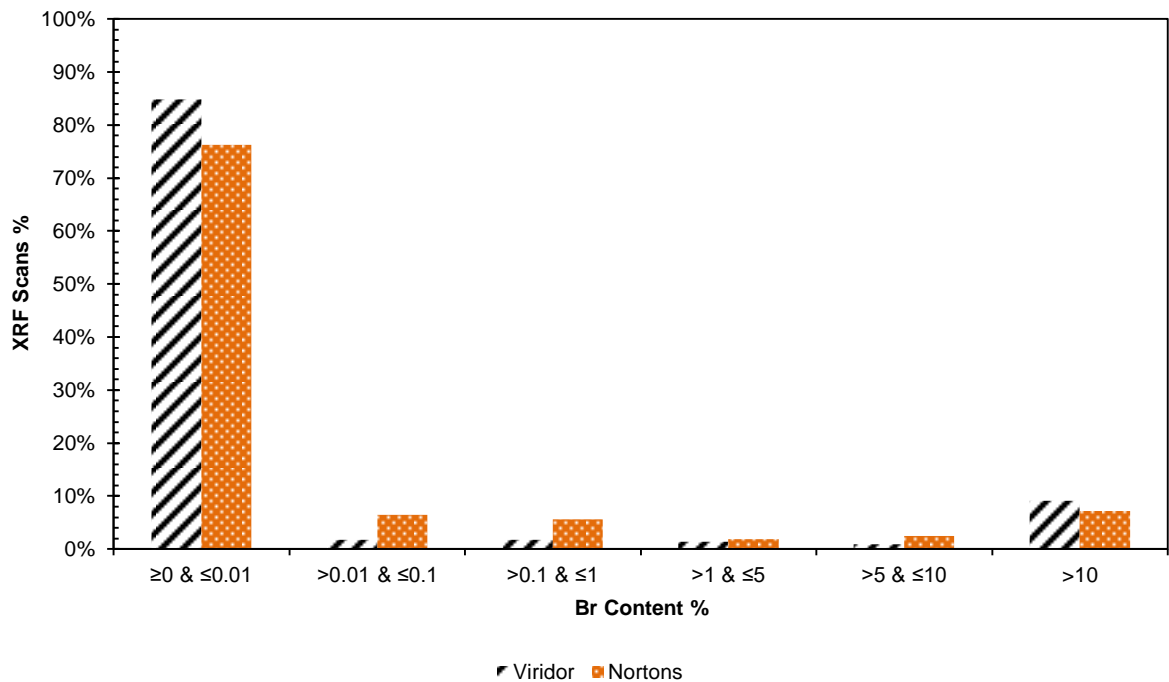


Figure 11.2 Photographs of several plastic components in LDA scanned. The top row shows components from the Viridor site visit and the bottom from S. Norton



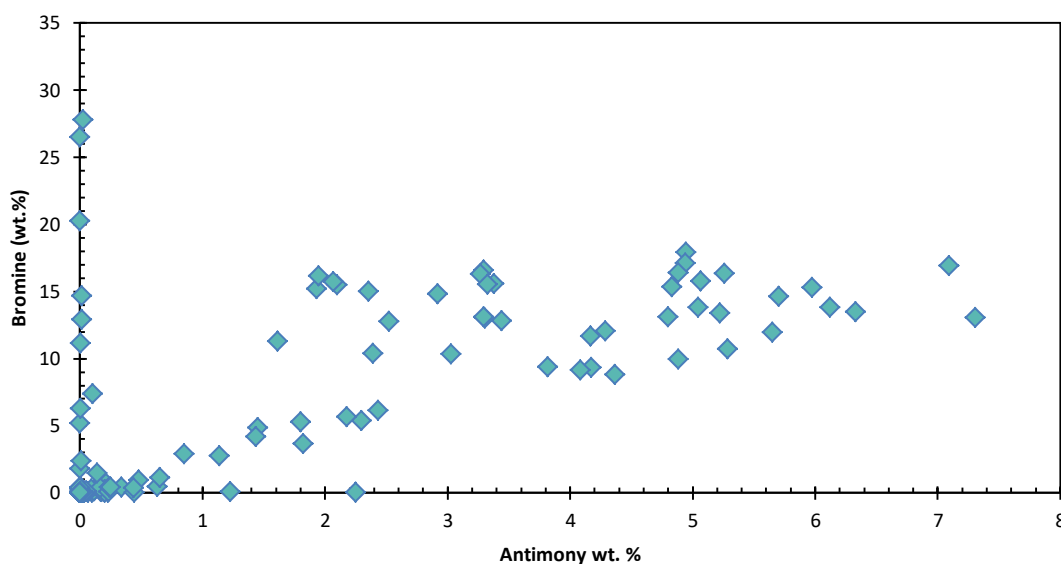
### 11.1.2 Antimony analysis

Antimony was detected at concentrations above the concentration limit for antimony trioxide in 9% of scans. The XRF data in Figure 11.1, shows that in many scans neither bromine nor antimony was detected.

However, when both bromine and antimony were detected, a good correlation between the bromine and the antimony concentrations was observed. As seen in the data for FPDs and CRTs, if the bromine concentration in components exceeds around 5 wt.%, the antimony concentration is likely to exceed 1 wt.% and therefore, those components would be hazardous due to the concentration of antimony trioxide.

The data plotted in Figure 11.3 demonstrates this relationship. There is a large cluster of points around zero as a large number of scans detected very low bromine.

**Figure 11.3 Bromine vs antimony XRF data for LDA scans**



## 11.2 GCMS analysis

Thirty two samples were submitted for GCMS analysis to determine the POPs-PBDE concentrations. The results in this section have been split for ease of reading into LDA item type (cooker, washing machine, etc.). However, the results should be taken as an entire dataset. A short description of the plastic item is included alongside the sample ID to provide greater context for the data. The item descriptions show that the majority of the samples which were submitted for analysis were electrical casings 'control box', or casings for other electrical components or connections.



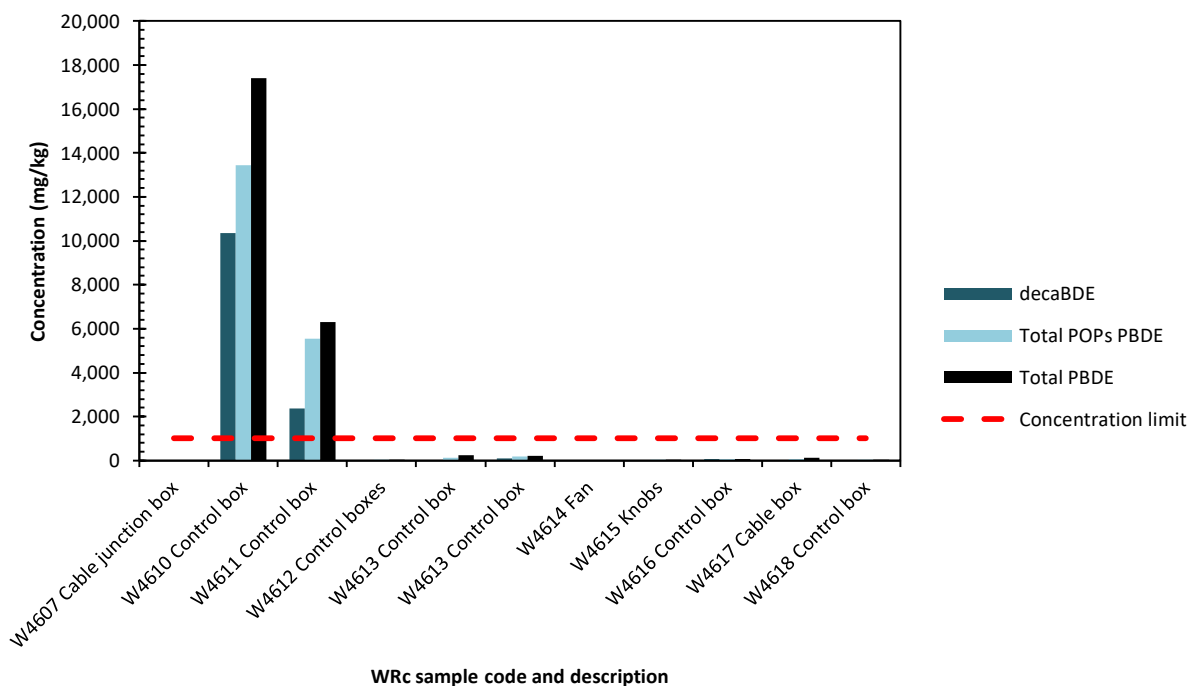
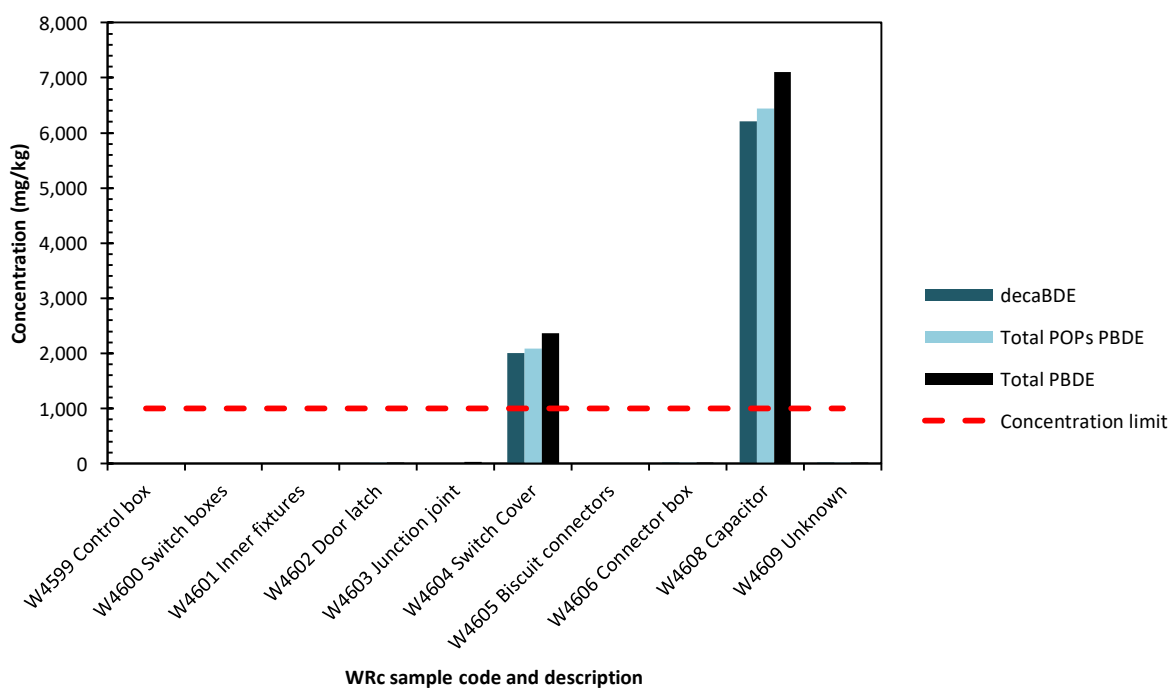
Figure 11.4 to Figure 11.6 show the plots of the GCMS results for LDA. Out of the thirty two samples submitted for analysis, four returned results which showed POPs-PBDE concentrations greater than the concentration limit of 1000 mg/kg. In all four samples, deca-BDE was found to be present in concentrations above the MCL.

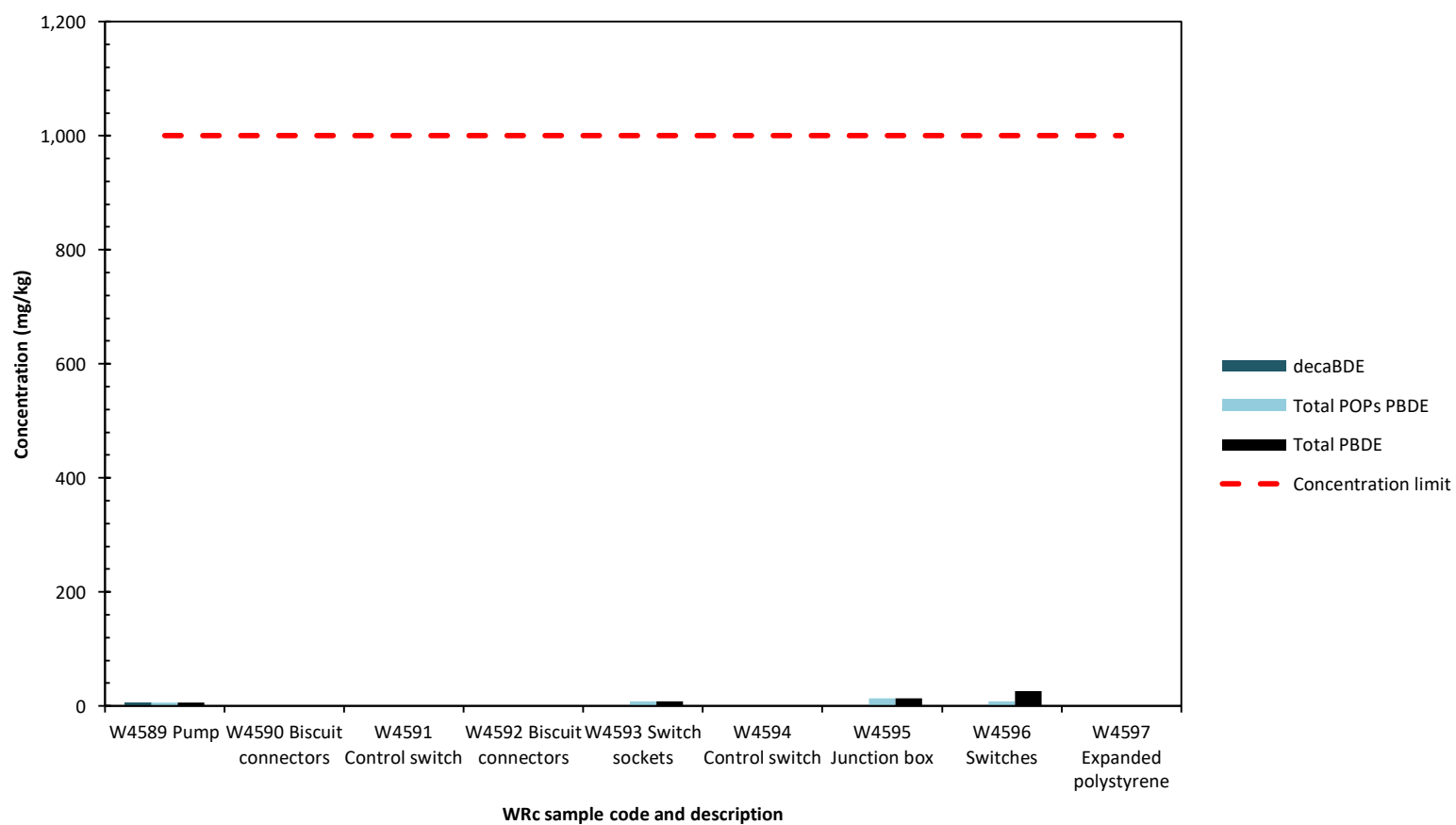
Although no components derived from washing machines or tumble dryers (Figure 11.6) exceeded concentration limits, it is unlikely that the plastic and additives used in those types of LDA differ significantly from those used in ovens, cookers and dishwashers.

Low levels of HBCDD were detected in one component (42 mg/kg), but in all other samples no HBCDD or HxBB were detected above the limit of detection (10 mg/kg). No analysis was performed for additional brominated compounds such as TBBPA.

The extraction efficiencies of the components from the LDA items varied significantly. Almost 100% extraction was achieved for some components, whereas <5% extraction was achieved for others. This can be seen in Table 11.1.

The variation of extraction efficiencies points to the use of several polymer types in these components as well as the use of fillers, pigments etc. which can reduce the effectiveness of the dissolution/extraction techniques. For some of the LDA items, therefore, the POPs-PBDE data is likely to be under reported. However, it may also be the case that other brominated compounds were present in these items and either undetected or not extracted from the plastic due to the chemistry of the compound.

**Figure 11.4 GCMS analysis for LDA components (derived from cookers/ovens)****Figure 11.5 GCMS analysis for LDA components (derived from dishwashers)**

**Figure 11.6 GCMS analysis for LDA components (derived from tumble dryers and washing machines)**

**Table 11.1 The bromine concentration of the FPD samples determined by XRF, the PBDE concentration and the bromine extraction efficiency during GCMS analysis**

Component	Bromine concentration (wt.%)	Total PBDE (mg/kg)	Total POPs PBDE (mg/kg)	Deca BDE (mg/kg)	Extraction Efficiency (%)
W4607 Cable junction box	14.83	0	0	0	15
W4610 Control box	28.92	17392	13446	10347	42
W4611 Control box	7.76	6293	5545	2368	85
W4613 Control box	1.47	229	122	0	96
W4613 Control box	1.47	219	172	99	96
W4616 Control box	2.28	77	67	66	97
W4612 Control boxes	4.29,4.58*	35	35	0	7
W4614 Fan	6.19	0	0	0	39
W4615 Knobs	7.69	0	0	0	75
W4617 Cable box	21.81	119	75	0	0
W4618 Control box	ND	0	0	0	83
W4609 Unknown	0.02	18	17	16	8
W4604 Switch cover	1.09	2370	2087	2008	98
W4605 Biscuit connectors	6.11,9.94,10.71*	12	8	0	14
W4608 Capacitor	0.36	7108	6437	6213	49
W4606 Connector box	1.44	17	17	16	35
W4599 Control box	12.80	6	6	0	40
W4602 Door latch	0.70	21	19	0	74
W4619 Expanded polystyrene	0.38	40	37	0	80
W4601 Inner fixtures	10.44,13.78*	3	3	0	40
W4603 Junction joint	3.65	30	14	0	97
W4600 Switch boxes	16.14,11.12*	1	1	0	18
W4594 Control switch	15.25	0	0	0	13
W4597 Expanded polystyrene	0.00	0	0	0	75
W4595 Junction box	15.51	13	13	0	6
W4630 Switch casing	9.35	35	35	0	27
W4596 Switches	9.22,3.65*	26	8	0	18
W4590 Biscuit connectors	13.36,5.37*	0	0	0	4
W4592 Biscuit connectors	10.3,8.78,9.33*	0	0	0	4
W4591 Control switch	7.35	0	0	0	15
W4589 Pump casing	12.73	6	6	6	0
W4593 Switch sockets	0.431,11.93*	8	8	0	25

\* Combination of multiple components due to weight

Key			
Concentration (mg/kg)	Range	Extraction Efficiency (%)	Range
0-500	Below limit	$\leq 0$	No extraction
500-1000	Near limit	0-30	Poor
1000 $\leq$	Above limit	30-50	Low
		50-80	Moderate
		80-100	Good

## 12. Small mixed WEEE (SMW)

### 12.1 XRF analysis

#### 12.1.1 Bromine analysis

SMW is a UK WEEE collection stream composed of WEEE categories 2-10<sup>10</sup> and containing many different types of items. Some items belonging to category 1 (large household appliances) are also found in the SMW collection stream. These are typically the smaller items from that category e.g. radiators, fans. SMW items are characterised by having an external casing and several internal electrical components. The items are often a mixture of metallic and plastic components as well as wires and occasionally screens.

The results of this work have been used to provide advice for SMW when collected and treated as a mixed waste stream and also for individual categories within SMW when these are collected and treated separately.

During the XRF scanning exercise the SMW items were dismantled to remove the internal components and both the external casing and fixtures were scanned alongside the internal components.

The SMW categories analysed during this work and the number of items/scans per category is shown in Table 12.1.

**Table 12.1 SMW categories analysed during the site scanning**

Category	Number of units	Number of scans
Large household appliances (LHA)	36	156
Small house hold appliances (SHA)	149	827
IT and telecommunication equipment	62	293
Consumer equipment	62	300
Medical devices	1	8
Electric and electronic tools	57	371
Lighting appliances	87	217
Toys	13	81

<sup>10</sup> The Waste Electrical and Electronic Equipment Regulations 2013.

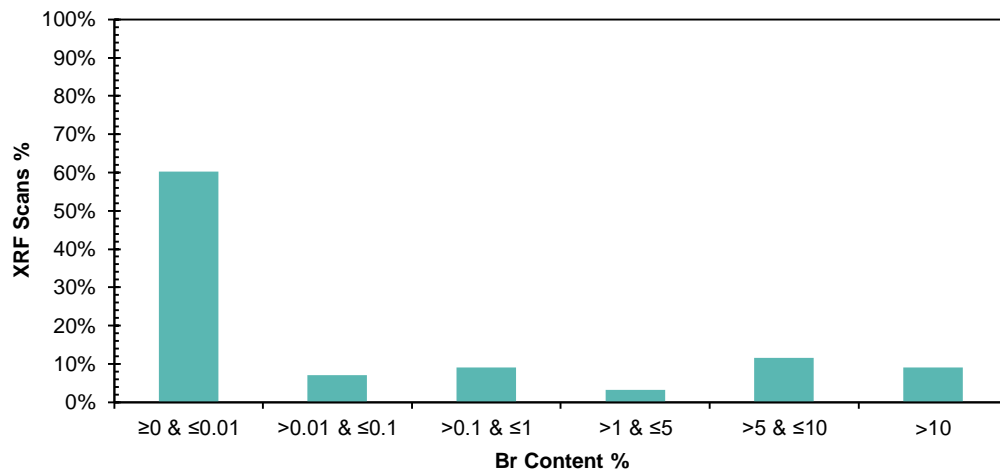
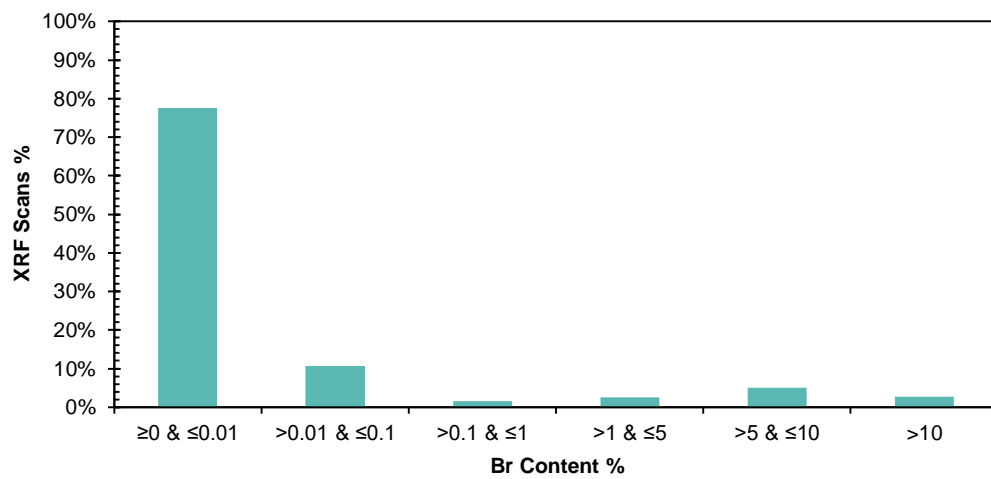
The results of the XRF scanning of the various categories are shown in Figure 12.1 to Figure 12.7. The data across all categories show that bromine was not detected in a large number of scans. However, in most categories there were some components containing bromine at functional levels for flame retardants. Table 12.2 shows the breakdown of the percentage of scans with bromine detected at 5 wt.% for the SMW categories.

The table shows that in some categories only a small proportion of the scans showed elevated bromine concentration, but in others there was a significantly higher proportion. The LHA category produced a high proportion of scans containing elevated bromine concentrations compared to the other categories although the medical category data may be skewed by the very small dataset. However, it may not be surprising that elevated bromine was found in the LHA category as this contains items such as electrical heaters, microwaves, hot plates and other cooking equipment. Many of these items contained a high metal fraction, but also plastic components such as switches and some casings.

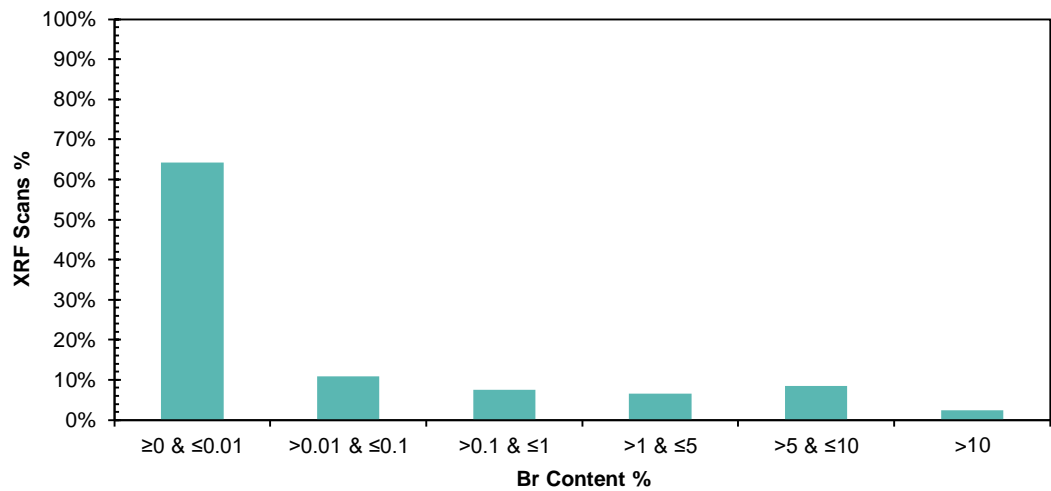
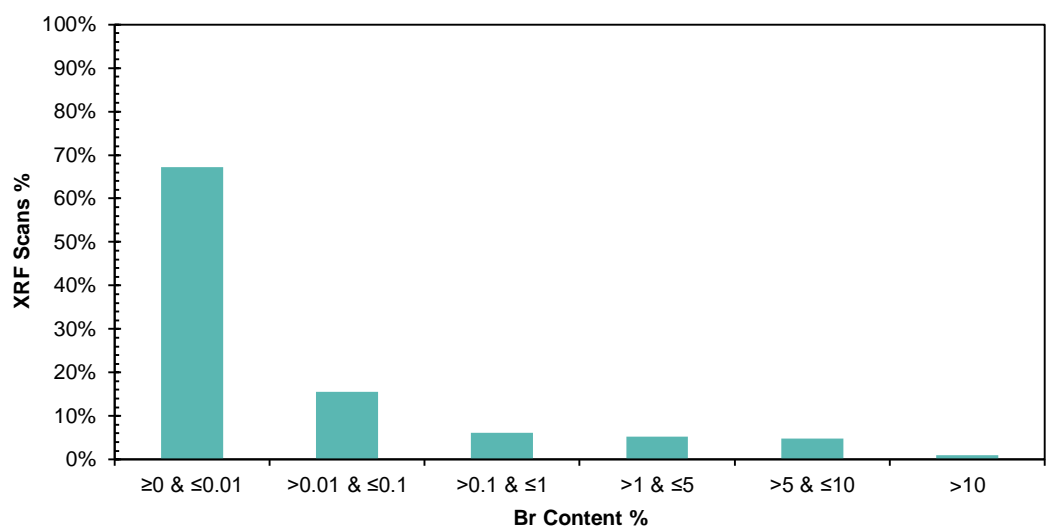
Due to the variety of components found in SMW, analysis was carried out to identify whether certain component types were more likely to contain elevated bromine. The results of these data are shown in Figure 12.8. These show that for external fixings and casings, only a very small proportion of scans showed elevated bromine and most (>70%) recorded negligible concentrations. However, components such as fans and fan housings, electrical casings and motor casings were more likely to contain elevated bromine concentrations. This is similar to what was observed in fridges and LDA and shows that the bromine concentration is likely to be related to the application of the plastic component.

**Table 12.2 Breakdown of number of percentage of scans with bromine detected >5 wt.% in each SMW sub-category**

SMW category	Number of scans	% scans above 5 wt.% bromine
LHA	152	21%
SHA	849	7%
Electric tools	371	4%
Lighting	211	9%
Medical	8	38%
Consumer	300	5%
Toys	84	0%

**Figure 12.1 XRF data for bromine in LHA****Figure 12.2 XRF data for bromine in SHA**



**Figure 12.3 XRF data for bromine in IT equipment and telecoms****Figure 12.4 XRF data for bromine in consumer equipment**

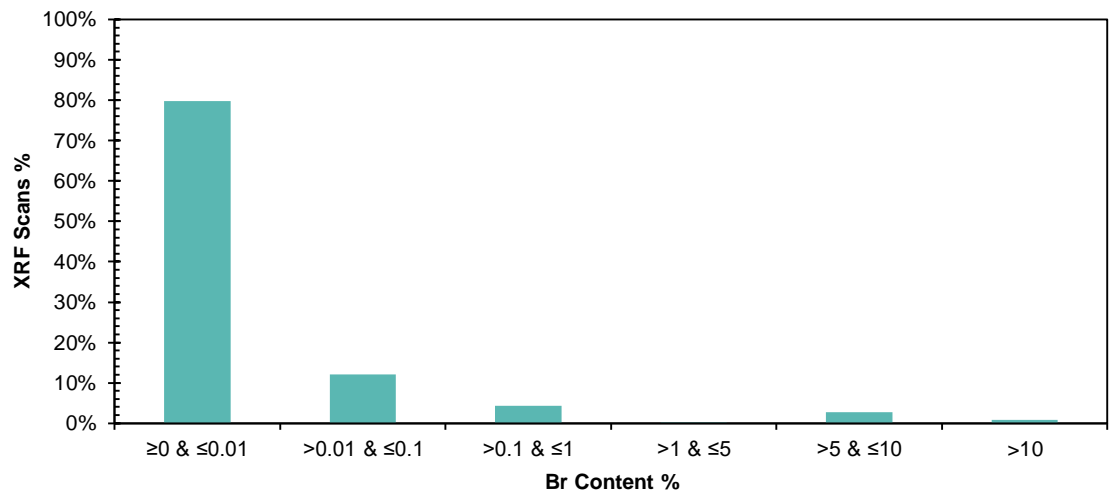
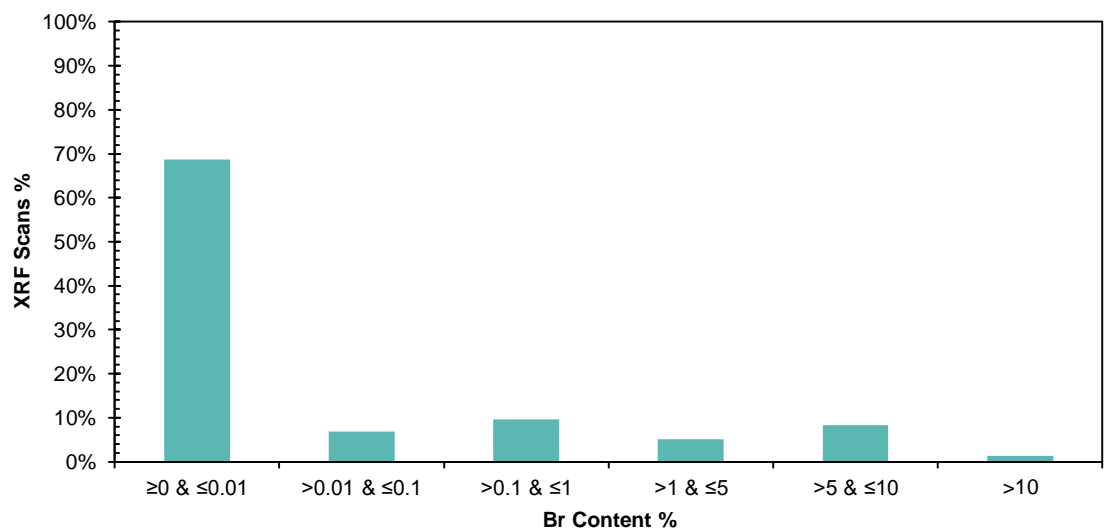
**Figure 12.5 XRF data for bromine in electric and electronic tools****Figure 12.6 XRF data for bromine in lighting appliances**

Figure 12.7 XRF data for bromine in toys

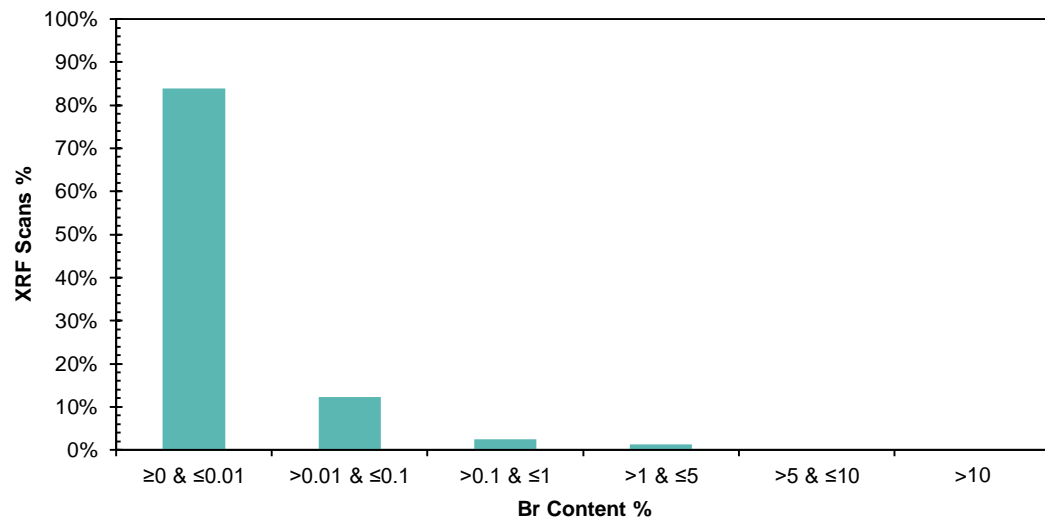
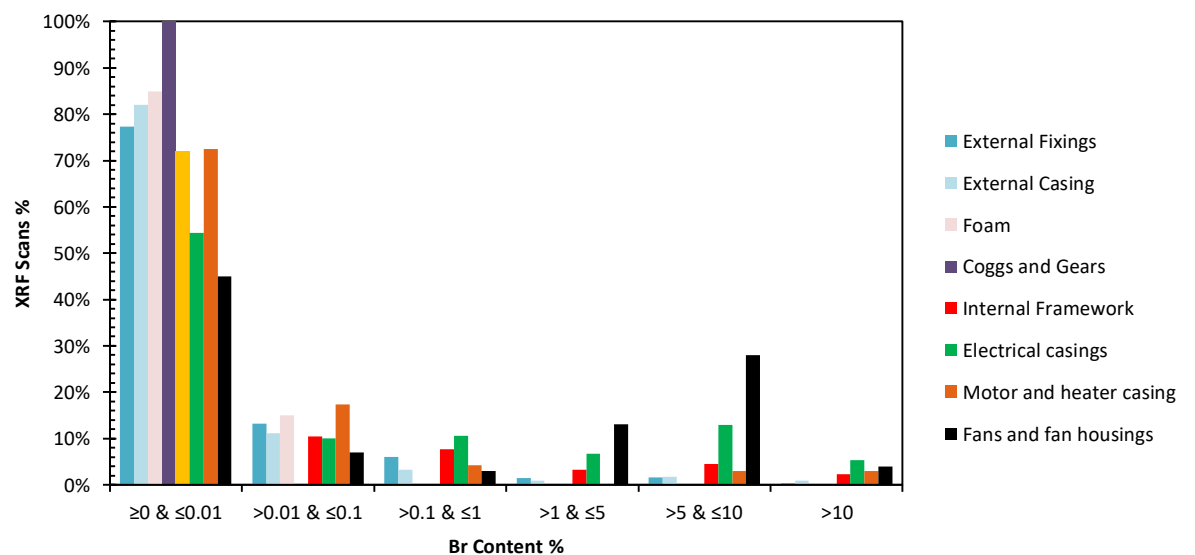


Figure 12.8 XRF data for bromine in SMW by component type (all categories)



### 12.1.2 Antimony analysis

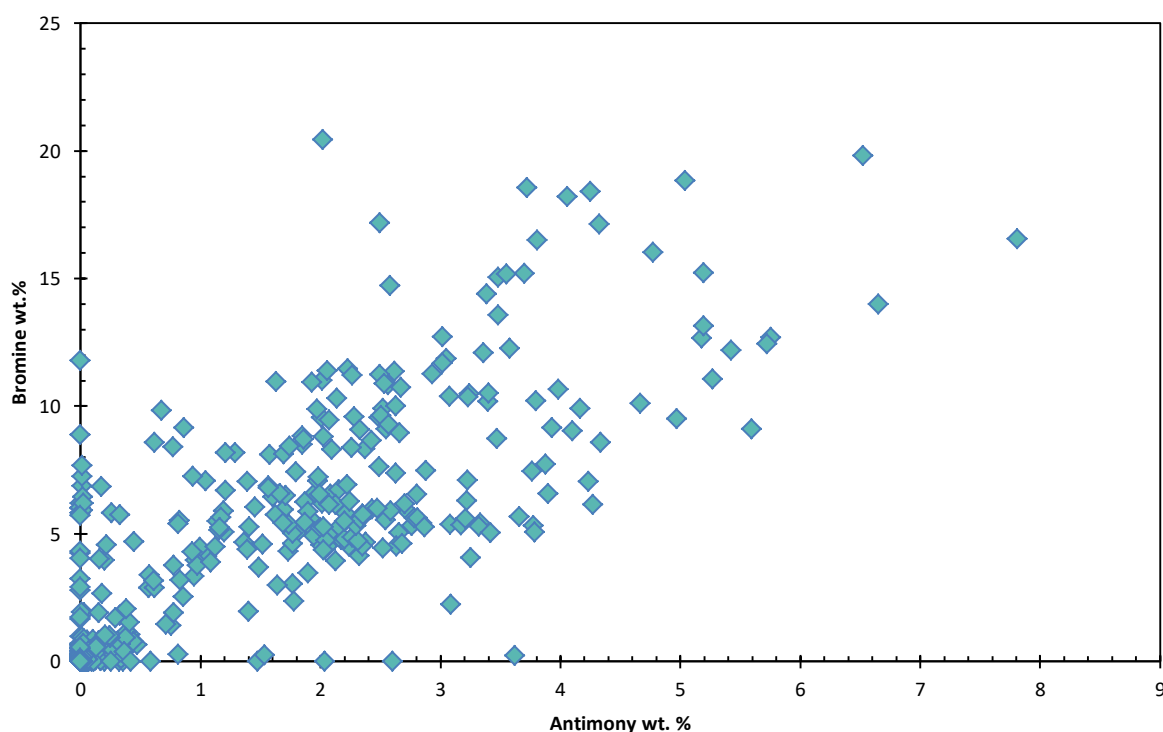
Antimony was detected above the concentration limit for antimony trioxide in 11% of XRF scans of SMW items.

As with most other WEEE streams there is a strong correlation between antimony and bromine. Therefore, the components containing functional levels of bromine are also likely to contain antimony trioxide above the hazardous waste MCL.

Figure 12.9 shows that in general, where bromine is present in the plastic, antimony is also present. The concentrations of antimony are greater than the concentration limit of 1 wt.% for antimony trioxide when the bromine concentration is around 5 wt.% (functional levels).

Therefore, the components containing functional levels of bromine are also likely to contain antimony trioxide above the hazardous waste MCL.

**Figure 12.9 Bromine vs antimony concentrations for SMW**



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## 12.2 GCMS analysis

GCMS analysis was performed on 25 SMW components and one blended SMW sample which had been collected and shredded by an operator. The blended sample was representative of approximately 500 SMW items.

The GCMS data is shown in Figure 12.10 and Figure 12.11, and a reference table is given in Table 12.3 in which the sample ID code is matched to the component description and the origin of the component alongside the extraction efficiency.

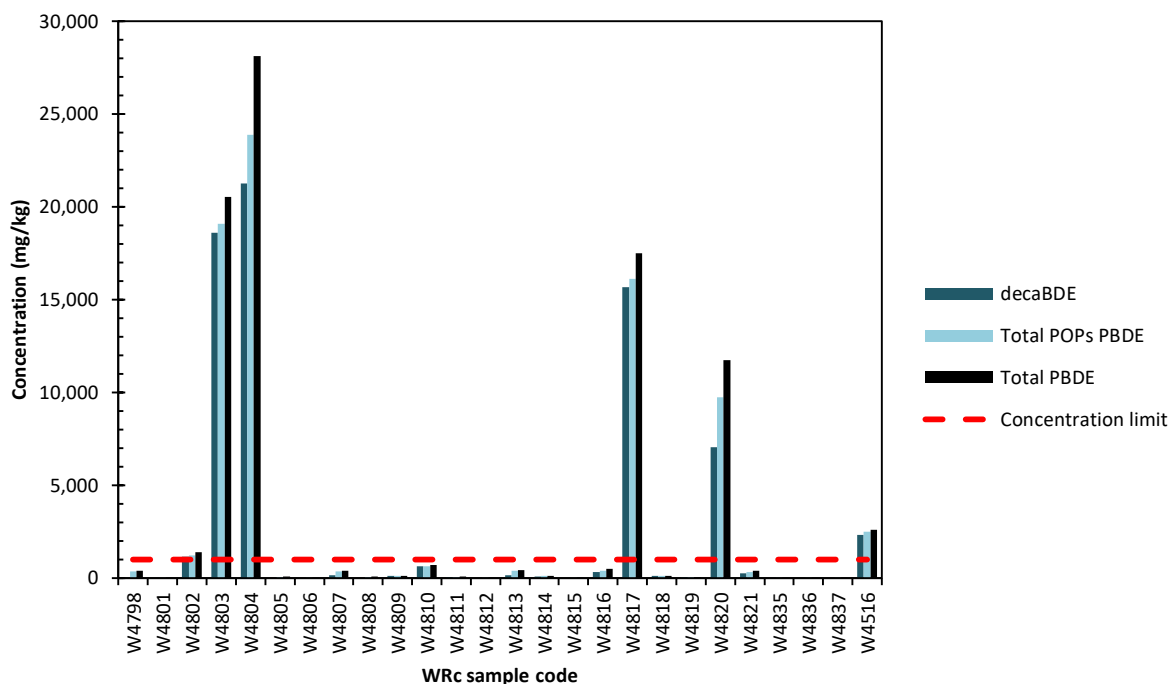
Out of the twenty five SMW components sent for GCMS analysis, five recorded high POPs-PBDE concentrations which were greater than 1000 mg/kg. In most of these samples the congener with the highest concentration was decaBDE.

Despite the XRF data showing that only a small fraction of outer casings or fixtures displayed elevated bromine concentrations, three samples of outer casing/framework recorded high POPs-PBDE concentrations. Therefore, it cannot be assumed that it is only inner components which will have PBDEs, it just may be a higher proportion of them. The other samples which recorded high POPs-PBDE concentrations were internal components adjacent to electrical or moving equipment.

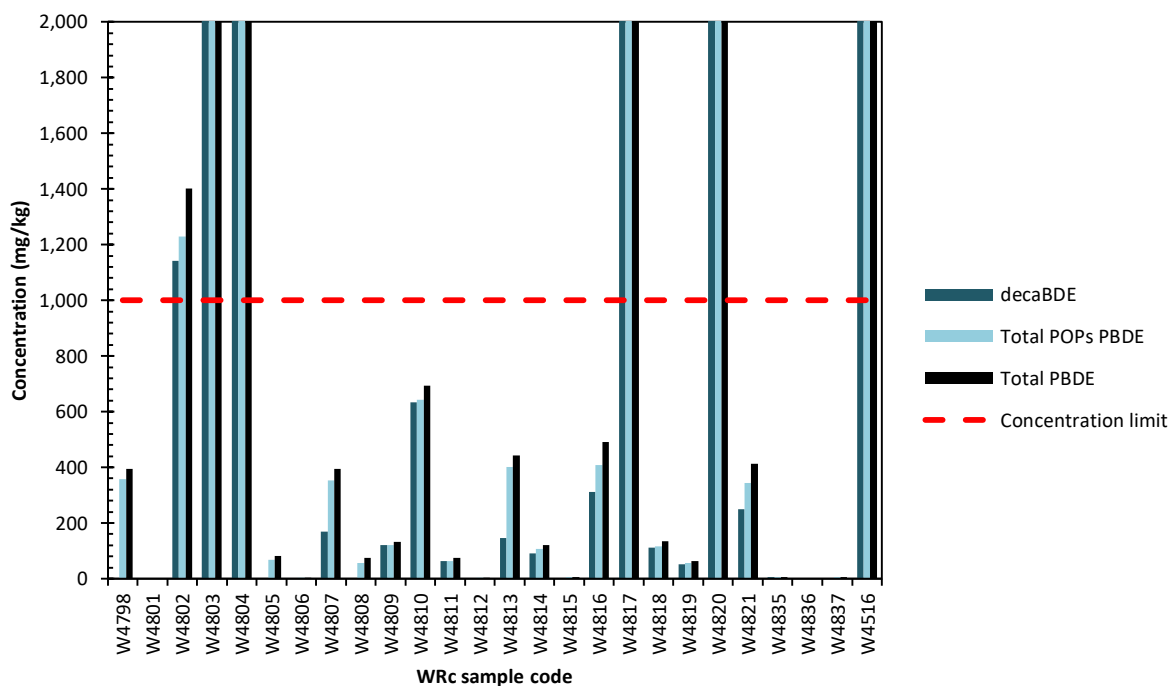
The blended SMW sample also recorded a POPs-PBDE concentration greater than the MCL. The concentration of decaBDE found in the blended sample analysis was 2,325 mg/kg. This illustrates that there are significant levels of POPs-PBDE contamination in SMW components high enough not to be 'diluted' by non-contaminated plastic during the shredding of multiple SMW items.

As with the fridge and LDA streams, the extraction method exhibited a mixed performance. This is likely to be due to the various plastic types used in SMW and their suitability for the bromine extraction.

**Figure 12.10 GCMS data for 25 individual SMW components and 1 blended sample (W4516)**



**Figure 12.11 Same as with Figure 12.10, with revised axis limits**



**Table 12.3 SMW samples submitted for GCMS analysis**

WRC No	Item Type	Component	Bromine concentration (%)	Total PBDE (mg/kg)	Total POPs PBDE (mg/kg)	Deca-BDE (mg/kg)	Extraction Efficiency (%)
W4798	Electric Heater	Tilt Switch	15.2	395	357	0	16
W4801	Hot Plate	Connector	12.7	2	2	0	0.03
W4802	Shredder	Back Casing	11.9	1402	1229	1143	87
W4803	Sewing Machine	Base Casing	10.9	20530	19109	18599	55
W4804	Electric Heater	Outer Framework	10	28126	23883	21255	23
W4805	Coffee Machine	Heater Casing	9.9	82	67	0	5
W4806	Microwave	Connector, Connector	9.6, 18.4	3	3	0	5
W4807	Hand-held Vacuum	Motor Housing	9.5	395	352	169	11
W4808	Laptop	Fan	9.2	74	57	0	59
W4809	Kettle	Connector	9	131	120	120	0
W4810	Hair Straighteners	Handle Casing	8.8	693	642	634	4
W4811	Fan	Wire Housing	8.1	74	62	62	70
W4812	Ceiling Lamp	Bulb Housing	7.2	3	3	0	0
W4813	Strimmer	Inner Switch	6.7	442	401	146	16
W4814	Camcorder	Outer Casing	5.9	121	107	91	88
W4815	DVD Recorder	Fan	5.9	5	5	0	82
W4816	Blender	Inner Casing	5.8	491	407	313	83
W4817	PC	DVD Tray	5.7	17516	16139	15678	65
W4818	Hedge Trimmer	Cable Junction	5.4	134	116	113	5
W4819	UV Nail Dryer	Bulb Connector	5.4	64	56	51	81

WRC No	Item Type	Component	Bromine concentration (%)	Total PBDE (mg/kg)	Total POPs PBDE (mg/kg)	Deca-BDE (mg/kg)	Extraction Efficiency (%)
W4820	Toy Car	PCB Housing	3.2	11736	9735	7065	68
W4821	Hair Dryer	Handle	1	414	344	250	69
W4835	Microwave	Framework	12.2	6	6	5	32
W4836	Kettle	Switch Box	4.4	2	2	0	40
W4837	Vacuum	Inner Spool	19.8	5	5	0	9
W4516	Blended sample		-	2612	2510	2325	89

Key			
Concentration (mg/kg)	Range	Extraction Efficiency (%)	Range
0-500	Below limit	≤ 0	No extraction
500-1000	Near limit	0-30	Poor
1000 ≤	Above limit	30-50	Low
		50-80	Moderate
		80-100	Good



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## 13. Office equipment

### 13.1 XRF analysis

#### 13.1.1 Bromine analysis

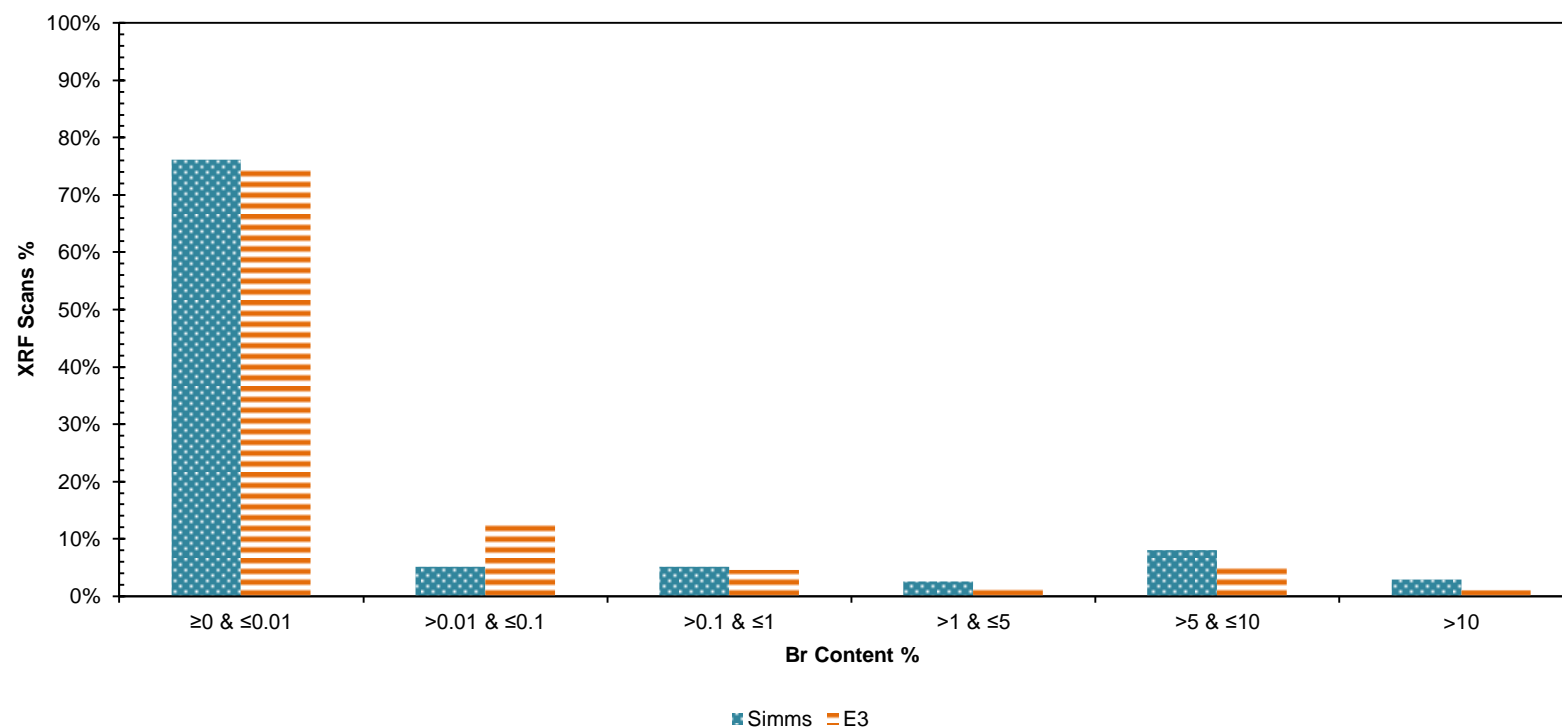
Many of the office equipment items are similar to those found in SMW, especially IT equipment. Items which were scanned during the fieldwork included; laptops, telephones, printers, monitors. There was considerable similarity between the laptops and telephones in the office category and in SMW. However, what may differentiate office equipment from SMW is the age of the items which reach their end of life. However, little data was obtained regarding the age of the items in SMW or in the office equipment and so this cannot be substantiated.

During the scanning work very few large office equipment items were scanned (large office printers and photocopiers) which is probably due to their relatively low volume compared to smaller office items such as monitors or telephones.

The XRF data for office equipment is shown in Figure 13.1. The results show a similar pattern to that seen in SMW in that the majority of scans recorded negligible bromine concentrations. Only 9% of the total number of scans recorded a bromine concentration >5 wt.%.

Examples of the types of office equipment scanned during the work are shown in Figure 13.2. As with other WEEE categories, the items were dismantled to access the internal components.

Figure 13.1 XRF data for bromine in office equipment



**Figure 13.2 Examples of office equipment scanned. Top two rows items from Sims and bottom two rows items from E3**

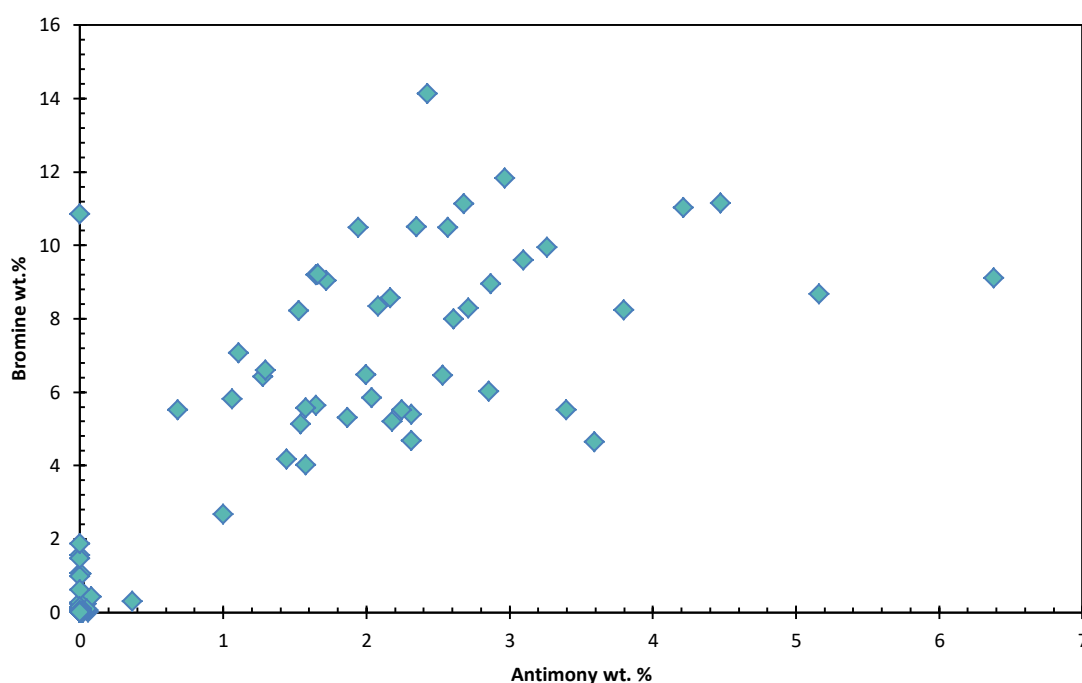


### 13.1.2 Antimony analysis

Figure 13.3 shows the bromine vs antimony data for office equipment. The plot shows that there is a weak relationship between the two elements. The quality of the relationship may be due to the small dataset for office equipment compared to the other WEEE categories. There is a cluster of points around zero where no bromine or antimony was found and as only a small fraction of the scans displayed a high bromine concentration, only a few scans also showed high antimony. However, a correlation does seem to be present and it shows a similar pattern to that seen in SMW.

It is likely that components in this WEEE stream which contain elevated bromine will also contain elevated antimony which is likely to exceed the hazardous concentration limit for antimony trioxide (1 wt.%). The XRF data shows that 8% of the scans recorded an antimony concentration greater than the concentration limit for antimony trioxide. This is quite similar to the proportion of SMW scans which were over the limit (11%).

**Figure 13.3 Bromine vs antimony data for office equipment**



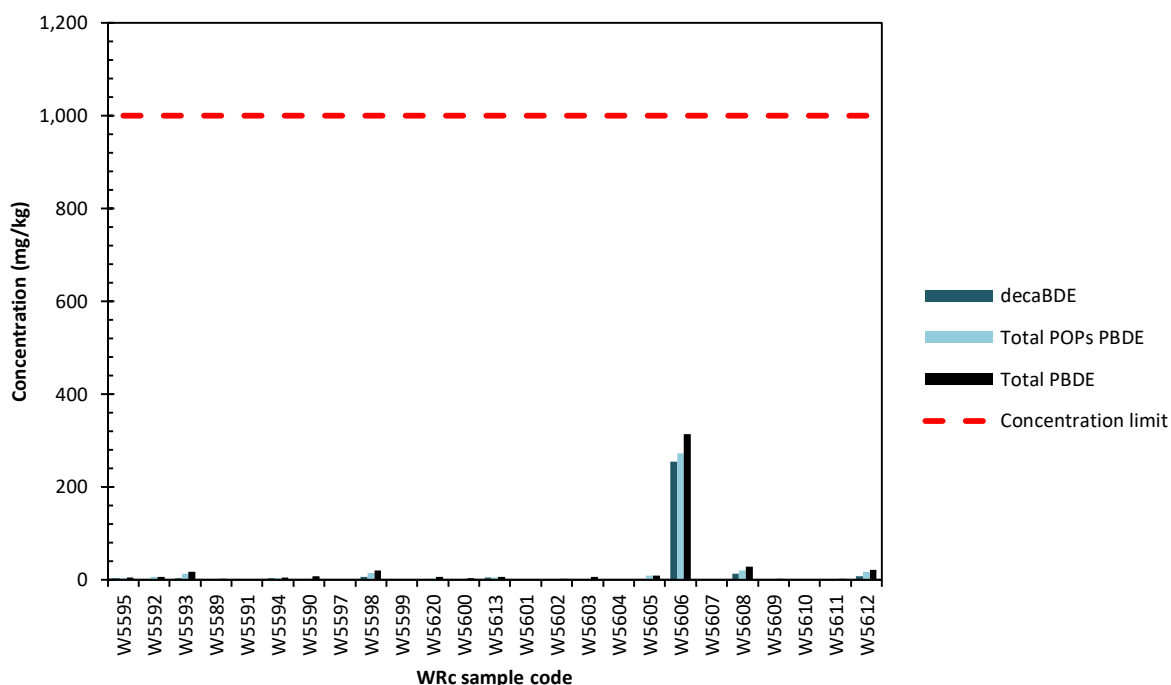
## 13.2 GCMS analysis

GCMS analysis was undertaken on twenty five components, the results are presented in Figure 13.4. Figure 13.1 provides a cross reference for the sample ID with the component type and the source of the component (item type).

Although PBDEs were detected in some components, none were found to contain PBDEs above the concentration limit (1,000 mg/kg). As with all the other WEEE categories (apart from CRTs), where PBDEs were found, deca-BDE was the major congener present.

There are no data available for the extraction efficiencies of these components, but it is likely that the extraction efficiencies follow a similar pattern to the other WEEE categories and are mixed. Therefore, it may be likely that the PBDE concentrations are an under estimate and may in fact be present at higher concentrations.

**Figure 13.4 GCMS data for 25 office equipment components sent for GCMS analysis**



**Table 13.1 PBDE concentrations in office equipment determined by GCMS**

Sample ID	Item Type	Component	Bromine concentration (wt.%)	Total PBDE (mg/kg)	Total POPs PBDE (mg/kg)	DecaBDE (mg/kg)
W5595	Remote Control	Electrical Casing	0.10	4	3	3
W5592	Keyboard	External Casing	0.16	7	7	1
W5593	Keyboard	External Casing	0.03	17	13	3
W5589	Docking Station	External Casing	0.007	2	1	1
W5591	Docking Station	External Casing	0.003	0	0	< 1
W5594	Docking Station	Electrical Casing	ND	6	4	4
W5590	Toner	Unknown	10.48	7	3	< 1
W5597	Phone	Back Case	0.18	0	0	< 1
W5598	Check-out Screen	Top Screen Frame	7.98	20	15	7
W5599	Phone Switchboard	Screen Casing	0.22	0	0	< 1
W5620	CRT Monitor	Screen Casing	11.14	6	4	< 1
W5600	Laptop	Fan Blade	8.22	4	2	< 1
W5613	Telephone	Back Casing	0.22	7	6	6
W5601	Projector	Fan Case	0.29	0	0	< 1
W5602	Printer	Roller Mechanism	8.67	3	0	< 1
W5603	Banknote Counter	Inner Frame	4.63	6	0	< 1
W5604	Phone	Cable Housing	9.68	0	0	< 1
W5605	Mouse	Back Case	0.13	9	9	< 1
W5606	Power Adapter	Front Case	0.16	314	273	255
W5607	Fan	Base	0.12	0	0	< 1
W5608	Toner	Front Casing	1.45	29	20	12
W5609	Air Filter	Fan Frame	5.51	3	0	< 1
W5610	Phone	Front Case	0.10	0	0	< 1
W5611	Printer	Roller Mechanism	5.81	2	0	< 1
W5612	Laptop	Fan	8.56	21	18	8

## 14. Discussion of results

### 14.1 Observations from XRF analysis

#### 14.1.1 Bromine analysis

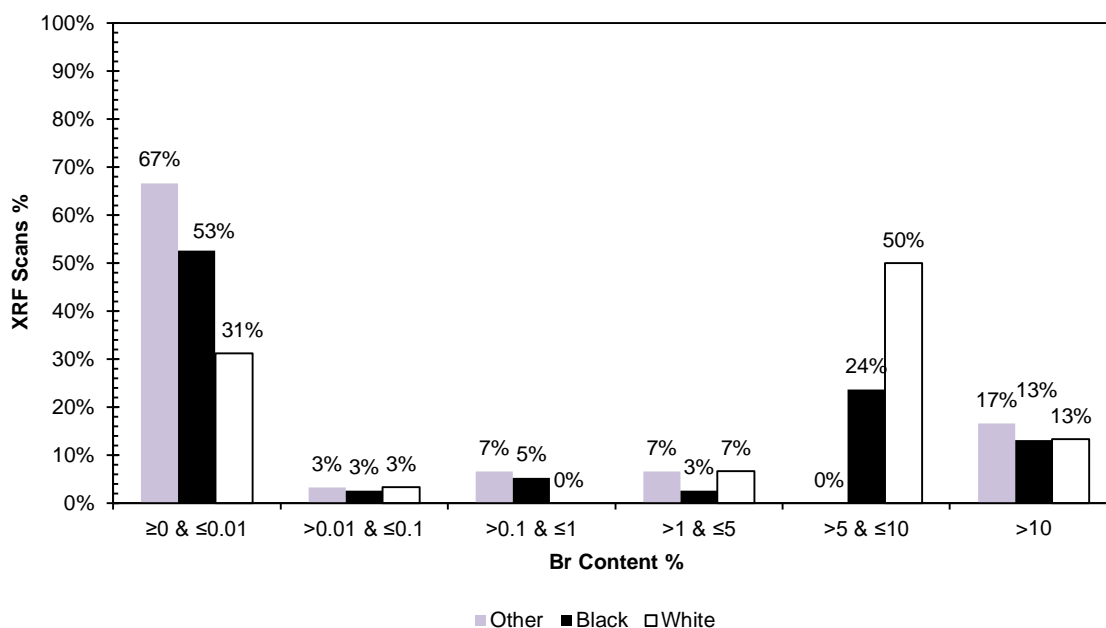
The XRF analysis which is presented in the preceding sections shows that there are no differences in the bromine concentration due to location of the processing facility. This observation applies only to bromine content not bromine compounds because XRF scanning does not provide data on what compounds are present.

There is also no correlation between colour of the plastic item and the bromine content. Figure 14.1 shows a plot which compares the bromine concentration in CRT casings with different colour plastics. Although there are differences in the histograms, the distribution of the bromine concentration is similar between colours. The differences may be due to data quality rather than any real differences in the bromine concentration. There was also not enough data to investigate the bromine concentration against other parameters such as brand or country of manufacture.

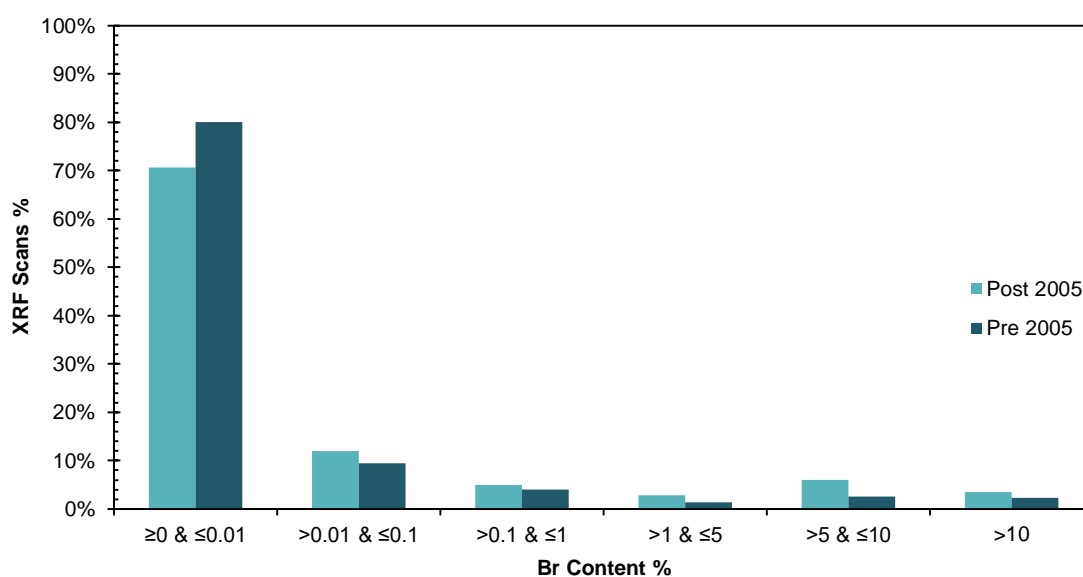
During the SMW scanning, items were inspected to see if they contained the crossed out wheelie-bin mark which would indicate that the item was placed on the market after 2005. A comparison was made between the bromine concentrations in WEEE items pre and post 2005. No difference was observed and this indicates that the levels of bromine addition were consistent pre and post 2005. However, this does not provide information on whether the types of BFRs used had changed between the two time periods. The comparison is shown in Figure 14.2.

The above findings mean that it would not be possible to segregate WEEE based on easily observed parameters such as colour, age, location and brand.

**Figure 14.1 A comparison between the colour of CRT units and the bromine concentration**



**Figure 14.2 Comparison between the bromine content of small household appliances placed on the market pre and post 2005**





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### 14.1.2 Antimony analysis

As shown in the preceding sections, there is a correlation between the bromine concentration and antimony concentration in most WEEE streams. This is characteristic of antimony trioxide being added alongside BFRs as a synergist. The XRF data shows that concentrations up to 5 wt.% of antimony can be seen in the plastics.

Antimony trioxide is classified as a carcinogen with the hazard statement code (H351). It has a concentration limit of 1 wt.% in a material, above which the material would be classified as hazardous.

Although XRF analysis cannot provide speciation information, there are no other known uses for antimony in plastics other than the addition with flame retardants as antimony trioxide. The data shows that most of the time where bromine is present, antimony is also present. This provides a good basis for assuming that all the antimony present in the plastic is associated with antimony trioxide.

If the concentration limit for antimony trioxide is 1 wt.% and all the antimony detected by XRF is assumed to be present as antimony trioxide, then the corresponding antimony concentration limit would be 0.84 wt.% based on the relative molecular mass of the element vs the compound. Table 14.1 shows the % of scans for each WEEE category which exceeded the maximum concentration limit for antimony. This provides an estimation of the proportion of each category which could be classified as hazardous due to antimony concentration.

**Table 14.1 Percentage of scans for each WEEE category which contain an antimony / antimony trioxide concentration exceeding the concentration limit**

WEEE category	% Scans with antimony concentration >0.84%
PCB	11%
Exterior cables	3%
Internal cables	19%
CRT	38%
FPD	33%
LDA	9%
Fridges	26%
SMW – LHA	19%
SMW – SHA	8%
SMW – IT & telecoms	19%
SMW – consumer equipment	7%
SMW – medical appliances	29%
SMW – electric and electronic tools	6%
SMW – lighting appliances	10%
SMW – Toys	5%
SMW – total average	11%
Office equipment	8%

## 14.2 Brominated flame retardants – implications for classification

Bromine in WEEE plastics has been shown to be present in all WEEE categories and GCMS analysis has demonstrated that some of the bromine has been attributed to POPs-PBDEs and in particular decaBDE.

For WEEE streams with few plastic components the classification of these streams as POPs / non-POPs containing wastes is relatively straightforward. However, for the categories which are complex and contain multiple components (LDA, fridges, SMW) the classification is harder to define. For example, should a washing machine be classified as a POPs containing waste if there is just one small electrical connector containing decaBDE?

Based on the results of this work, the Environment Agency has provided advice on the correct classification of some of the WEEE streams. This may differ from classifications previously

used by some operators, particularly where appropriate assessment of hazardous substances had not been undertaken.

#### 14.2.1 Printed circuit boards (PCBs)

The GCMS analysis for POPs-PBDEs showed significant levels of POPs-PBDEs but none above the concentration limit. However, these values are likely to be an under-estimate because extraction efficiencies for PCBs were very low. Therefore, it is likely that PCBs contain POPs above the MCL. Antimony above the concentration limit has also been detected in a significant percentage of PCBs.

PCBs should therefore be treated as both a POPs waste and a hazardous waste.

#### 14.2.2 Cables

POPs-PBDEs have been found to be present above the MCL in some of the internal and external cables which were tested. Antimony exceeding the MCL for hazardous waste was also found.

WEEE cables are therefore both a POPs waste and a hazardous waste.

Further work on cables may also be required to determine whether other chemicals are present including polychlorinated flame retardants e.g. dechlorane plus which is under consideration for being added to the POPs list.

#### 14.2.3 Cathode ray tube display units (CRTs)

Both bromine and antimony were found to be present in a large proportion of CRT casings. The GCMS data showed POPs-PBDEs above MCL and the antimony concentration from XRF analysis was above the MCL in many items.

The PBDEs which were present in the CRTs were shown to be a mixture of decaBDE and commercial formulas such as c-octaBDE and this may reflect the age of the units.

The extraction efficiencies for CRTs during the GCMS analysis were very good indicating that a similar plastic type is used for CRT units (likely to be acrylonitrile butadiene styrene (ABS)).

CRT casings are therefore both a POPs waste and a hazardous waste.

#### 14.2.4 Flat panel display units (FPDs)

Both bromine and antimony were found to be present in a large proportion of FPD casings. The GCMS data showed POPs-PBDEs above the MCL and the antimony concentration reported from the XRF analysis was above the MCL in many items.

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FPD casings are therefore both a POPs and a hazardous waste.

### 14.2.5 WEEE containing multiple components

LDA, fridge, office equipment and SMW are complex items which contain various material fractions (metal, glass, plastic, etc.). This adds a layer of difficulty in assigning a classification.

The XRF analysis showed that many of the components which contained bromine were small components, sometimes <10 g. However, classification needs to be done on a whole item basis not on a component basis.

#### LDA and fridges

Calculations were made using the XRF data (bromine concentration) and the weight of the component to determine the amount of non-contaminated plastic or the total weight of the item that would be required to ensure that the presence of one component would not make the entire item hazardous. For example, if one 10 g electrical connector had a decaBDE concentration of 100,000 mg/kg, just over 1 kg of non-contaminated material would be required for the entire item to be classified as non-hazardous.

For items such as washing machines and ovens in LDA which weigh around 30 kg and fridges which can weigh up to 60 kg, it is reasonable to suggest that a single small component containing PBDEs would not cause the entire item to be classified as a POPs-containing waste.

A study was undertaken for LDA and fridges to provide supporting evidence that this is the case. Taking the components removed during the XRF scanning exercise from LDA and fridges, the individual component weights and their PBDE concentrations were used to calculate the overall POPs-PBDE content of the appliance based on its overall weight, and for the total plastics fraction.

An assumed overall weight for each appliance based on manufacturer's data together with an assumed plastic composition, was used to estimate the plastic fraction of the appliance. For some samples, when the brand of the appliance was unknown, the appliance weights were based on typical values found in the literature. A more accurate appliance weight was used for samples where the appliance make and model was known.

Typical proportions of plastics in fridges and LDA were collated from the literature. Kim *et al.* (2013) found that plastics make up 32% of the composition of fridges. This supports the findings of a preparatory study by the European Commission (2016) into the eco-design requirements for household refrigeration appliances, which modelled the composition of various types of household fridges. Other studies by the European Commission (2011) and the Institute for Applied Ecology, Germany (2011) found compositional data for dishwashers and cookers respectively.

Table 14.2 shows the assumed weight, composition and derived weight of the plastic fraction for each appliance. The PBDE (total and POPs) content of the overall appliances and their plastic fractions was calculated using the assumed weights and component POPs concentrations as shown in Table 14.3 and Table 14.4.

It has been assumed that no other components contribute to the overall concentration of bromine or POPs in each appliance, other than those listed. This is based on the site scanning findings where only samples of high bromine concentration were kept.

Note that component weights are given “as received”, rather than the specific weight of plastic in the component. Therefore inaccuracies may arise if a component contains other non-plastic materials which would not contribute to the bromine or POPs content.

**Table 14.2     Weights of fridge and LDA appliances sampled in study**

Appliance	Assumed appliance weight (kg)	Assumed appliance plastic fraction (wt.%)	Assumed appliance plastic weight (kg)
Under-counter Freezer A	33.0 (Fridgemaster)	32.0	10.6
Chest Freezer	27.0 (Currys)	32.0	8.64
Under-counter Freezer B	30.0 (Indesit)	32.0	9.60
Under-counter Fridge	30.0 (Lec)	32.0	9.60
Tall Freezer	63.0 (Hotpoint)	32.0	20.2
Dishwasher A	48.2	18.6	8.94
Dishwasher B	48.2	18.6	8.94
Cooker A	30.9	2.09	0.64
Cooker B	30.9	2.09	0.64

Table 14.3 Proportion of PDBEs in fridge and LDA components – whole item

Appliance	Component					Appliance PBDE (Total) content (mg/kg)	Appliance PBDE (POPs) content (mg/kg)
	Component	Weight (g)	Proportion of appliance (wt.%)	PBDE (Total) concentration (mg kg <sup>-1</sup> )	PBDE (POPs) concentration (mg kg <sup>-1</sup> )		
Under-counter Freezer A	Control box cover	96.0	0.29	65602	58711	200	200
Chest Freezer	Control box cover front	96.0	0.36	11174	10410	40	40
Under-counter Freezer B	Cable junction box	19.0	0.06	11435	10240	7	6
Under-counter Fridge	Cable box	44.0	0.15	10833	10002	30	30
	Cable housing	52.0	0.17	10093	9012		
Tall Freezer	Compressor housing	56.0	0.09	1191	1087	1	1
	Junction box	13.0	0.02	193	176		
Dishwasher A	Capacitor	14.0	0.03	7158	6487	2	2
Dishwasher B	Switch Cover	18.0	0.04	2420	2137	0.9	0.8
Cooker A	Control box	59.0	0.19	17432	13486	30	30
Cooker B	Control box	74.0	0.24	6333	5585	20	10

Table 14.4 Proportion of PDBEs in fridge and LDA components – plastic fraction

Appliance	Component					Plastic fraction PBDE (Total) content (wt.%)	Plastic fraction PBDE (POPs) content (wt.%)
	Component	Weight (g)	Proportion of plastic fraction (wt.%)	PBDE (Total) concentration (mg kg <sup>-1</sup> )	PBDE (POPs) concentration (mg kg <sup>-1</sup> )		
Under-counter Freezer A	Control box cover	96.0	0.91	65602	58711	600	500
Chest Freezer	Control box cover front	96.0	1.11	11174	10410	100	100
Under-counter Freezer B	Cable junction box	19.0	0.20	11435	10240	20	20
Under-counter Fridge	Cable box	44.0	0.46	10833	10002	100	90
	Cable housing	52.0	0.54	10093	9012		
Tall Freezer	Compressor housing	56.0	0.28	1191	1087	3	3
	Junction box	13.0	0.06	193	176		
Dishwasher A	Capacitor	14.0	0.16	7158	6487	10	10
Dishwasher B	Switch Cover	18.0	0.20	2420	2137	5	4
Cooker A	Control box	59.0	9.17	17432	13486	1,600	1,200
Cooker B	Control box	74.0	11.5	6333	5585	700	600

It is clear for fridges and LDA that a single component would not cause the entire appliance to have a POPs-PBDE concentration greater than the concentration limit (0.1 wt.% or 1,000 mg kg<sup>-1</sup>).

The results of this work show that although POPs-PBDEs have been found in fridge and LDA WEEE streams, the size of the POP-containing components is small relative to the whole fridge. This means that the concentrations of PBDEs in these components are not likely to cause the POPs-PBDEs concentration in the entire item to be over the concentration limit. This means that fridges and LDA are not classified as POPs-containing waste.

However, it may be that once the plastic has been separated from the units, the POPs-PBDE concentration in the plastics may be greater than the concentration limit. This is very much dependent on the amount of plastic in the appliances and the concentration present. Additional work is required to establish the likely concentrations of both POPs-PBDEs and antimony in the fridge and LDA plastics streams.

## SMW

A similar exercise was conducted for SMW taking the weights of components sampled from SMW items during the scanning study and their bromine concentration. Assuming all the bromine was associated with decaBDE, the total weight of the individual unit required to ensure that the POPs-PBDE concentration for the entire unit would be below the concentration limit was calculated.

The results of these calculations are shown in Table 14.5. The results show that SMW items are likely to have a POPs-PBDE concentration above MCL when assessed on an entire unit basis.

The size of individual components in SMW are not small relative to the total size of the item as they are in LDA or fridges. Therefore, the amount of non-contaminated material required to reduce the PBDE concentration to below that of the concentration limit is too large to be realistic for typical SMW items.

For example, a pair of hair straighteners would need to weigh over 18 kg for the item to have a POPs-PBDE concentration less than 1,000 mg/kg. Hair straighteners are typically less than 1 kg and so a small component containing PBDEs at functional levels is likely to make the entire item a POPs containing waste.

Based on calculations using the XRF and GCMS data calculations the following conclusions have been made regarding the classification of SMW on a category basis:

- Categories 1, 2, 3, 6 and 7 (LHA, SHA, IT and telecommunications, electrical tools and toys). These have been shown to contain POPs-PBDEs at concentrations above the concentration limit. They have also been found to contain antimony at levels about the



antimony trioxide threshold for hazardous waste. Therefore, if collected and treated separately they are both a POPs and a hazardous waste.

- Categories 4 and 5 (consumer equipment and lighting). Although POPs-PBDEs were not found at concentrations above the MCL in the items scanned, the study has demonstrated their presence. The poor extraction efficiencies and comparison with the other SMW categories mean that it is likely that PBDEs are present in these items above the MCL, but the sampling programme has not definitively found them. Therefore, a precautionary approach should be adopted and they should be treated as POPs waste in the absence of reliable supporting information to demonstrate that they are not. These categories were found to contain antimony above the MCL and are therefore a hazardous waste.
- Categories 8, 9 and 10 (medical equipment, monitoring and control equipment and automatic dispensers). There is insufficient information from the study to comment on the classification of categories 8, 9 and 10 (medical devices, monitoring and control instruments, automatic dispensers). The onus is therefore on the waste producer to classify them correctly.

### Office equipment

Office equipment can be split into two types; dual use equipment (e.g. PCs, SHA, and consumer equipment) and business to business (B2B) equipment (e.g. large printers/photocopiers).

Dual use equipment is similar to the relevant categories in SMW. Therefore, although the data set for dual use office equipment is small it should be classified in the same way as SMW categories (see above).

This study has not obtained sufficient information to provide advice on the correct classification and POPs waste status for equipment which is supplied as business to business equipment, e.g. large printers and photocopiers.

Industry will need to undertake further work to determine if POPs or hazardous chemicals are present to ensure this waste is managed in an appropriate manner. In the absence of the information a precautionary approach should be applied. It should not be assumed that waste is non-hazardous or not POPs waste in the absence of reliable supporting evidence.

A summary of the treatment considerations of the separate WEEE types based on the above work is presented in Table 14.6.

**Table 14.5 Results of calculations to determine the likelihood of a small component in SMW items to cause the entire item to exceed the POPs concentration limit**

Appliance	Component(s) weight (g)	Bromine content (mg/kg)	Minimum plastic required to meet Br threshold value (g)	Comments
Microwaves				
Microwave	55.0	60,150	3,971	Microwaves are typically around 14 -17 kg in total weight although larger models can weigh up to and in excess of 40 kg. A large percentage of that weight is accounted for by non-plastic components. Due to the wide variation in observed bromine content in plastic microwave components it is likely that factors such as model, size, and weight will determine whether the bromine content exceeds the threshold.
Microwave	72.0	192,230	16,788	
Microwave	137	880	145	
Microwave	46.0	6,109	7,334	
Microwave	115	427,600	59,032	
Other Kitchen Appliances				
Potato peeler	6.00	112,600	807	Battery powered potato peelers are typically less than 500 g and therefore the bromine content likely exceeds the threshold.
Deep fat fryer	17.0	3,800	78	Deep fat fryers typically weigh between 1.5 and 6 kg and therefore the recorded bromine content does not exceed the threshold.
Hotplate	54.0	126,810	8,221	Hotplates typically weigh around 2.5 kg and therefore the bromine content exceeds the threshold.
Kettle	39.0	90,460	4,235	Kettles typically weigh between 1 and 3 kg and therefore the bromine content exceeds the threshold.
Toaster	196	150,670	35,452	Toasters are typically 1-2 kg although larger models exist. Based on the bromine content observed in the plastic components it is likely that this exceeds the threshold.
Toaster	30.0	48,140	1,734	
Hot grill	109	2,670	410	Grills typically weigh between 2 and 4 kg and therefore the bromine content does not exceed the threshold.
Blender	20.0	109,400	2,627	Blenders typically weigh between 1 and 2 kg and therefore the bromine content exceeds the threshold.
Bread maker	75.0	307,256	27,664	Bread makers are typically 4-6 kg and therefore likely exceed the Br threshold.
Coffee Machine	43.0	223,500	11,537	Coffee machines typically weigh between 2 and 3 kg and therefore the bromine content exceeds the threshold.
Consumer equipment				
Sky TV box	6.00	37,600	271	Sky TV boxes weigh around 3 kg. Due the wide variation in the bromine content between components analysed the threshold may be exceeded in some cases but not others. There may be variation in the composition between older/newer models.
Sky TV box	31.0	101,100	3,762	

Appliance	Component(s) weight (g)	Bromine content (mg/kg)	Minimum plastic required to meet Br threshold value (g)	Comments
Virgin TV box	86.0	69,500	7,175	Similar to the Sky TV boxes, although in this case the bromine content exceeds the threshold.
HD DVD recorder	41.0	58,380	2,873	DVD players typically weigh around 1 kg and therefore the bromine content exceeds the threshold.
Lighting				
Ceiling lamp	349	80,250	33,622	Lamps, lights and associated fittings typically weigh up to 2 kg in total although only a relatively small percentage of that weight may be plastic components. The wide range of bromine contents observed suggests the threshold may be exceeded in some cases and not exceeded in others.
Lamp	15.0	10,600	191	
Lamp Shade	38.0	25,400	1,159	
Vacuum cleaners				
Vacuum	193	480	111	Vacuum cleaners typically weigh between 4 -10 kg, upright vacuums tending to be heavier models. In the case of components analysed here two exceeded the bromine threshold whereas the other did not.
Upright vacuum	217	93,400	24,331	
Vacuum	159	75,170	14,348	
IT equipment				
PC	129	210,400	32,583	PCs typically weigh between 5 -15 kg and therefore the bromine content exceeds the threshold.
PC	249	256,100	76,553	
PC	203	146,400	35,677	
Laptop	126	88,300	13,356	Laptops typically weigh between 1 - 5 kg and therefore the bromine content exceeds the threshold.
Laptop	261	169,800	53,141	
Printer	239	79,060	22,683	Printers typically weigh between 3 - 6 kg and therefore the bromine content exceeds the threshold.
Shredder	347	235,700	98,185	Shredders typically weigh between 3 - 5 kg and therefore the bromine content exceeds the threshold.
Keyboard	614	1,120	826	Keyboards typically weigh between 0.2 -1 kg. As a significant proportion of that weight is accounted for by plastic components is likely that the bromine content is close to the threshold value.
Electric tools				
Lawn- mower	36.0	280	12.0	The bromine content of various tools was relatively low in comparison to other appliances. Only the hedge trimmer may exceed the threshold - as hedge trimmers typically weigh around 2-5 kg but only a small percentage of that weight is plastic
Drill	34.0	3,340	136	

Appliance	Component(s) weight (g)	Bromine content (mg/kg)	Minimum plastic required to meet Br threshold value (g)	Comments
Trimmer	114	1,370	187	components it is possible that the threshold was exceeded in this case.
Hedge trimmer	19.0	89,600	2,044	
Other SMW items				
Radio	12.0	19,300	280	A typical radio weighs around 1 kg, although the plastic content may vary significantly. Therefore is it likely that the bromine content is close to the threshold value.
Electric heating app	84.0	59,360	5,986	Electric heaters typically weigh around 5 kg although the majority of the components are non-plastic. One of the heaters likely exceeded the threshold (59,360 mg/kg) whereas two did not.
Electric heating app	28.0	1,200	40	
Electric heating lamps	41.0	4.92	6	
Iron	31.0	58,210	2,166	Irons typically weigh between 1 - 2 kg. One iron had a relatively low bromine content (1,230 mg/kg) and therefore did not exceed the threshold whereas the other iron did exceed the threshold.
Iron	173	1230	255	
Hairdryer	255	18,380	5,627	As hairdryers typically weigh around 1 kg the bromine content exceeds the threshold.
Hair dryer	87.0	189,180	19,758	
Hair straighteners	90.0	172,600	18,648	As hair straighteners typically weigh around 0.5 -1 kg the bromine content exceeds the threshold.
Toy Car	116	31,970	4,452	Weight difficult to estimate. As bromine content is high the threshold may be exceeded.
Hand Camera Recorder	387	187,930	87,310	Weight difficult to estimate. As bromine content is very high the threshold is likely exceeded.
Pressure washer	245	138,850	40,838	Weight difficult to estimate. As bromine content is very high the threshold is likely exceeded.

**Table 14.6 Summary of classification of WEEE based on this study**

WEEE type	POPs waste	Hazardous waste
Printed circuit boards (PCBs)	✓	✓
Cables	✓	✓
Cathode ray tube displays (CRTs)	✓	✓
Flat panel displays (FPDs)	✓	✓
Fridges	X <sup>*</sup>	✓
Large domestic appliances (LDA)	X <sup>*</sup>	X <sup>*</sup>
Small mixed WEEE (SMW) as collection stream	✓	✓
Categories of SMW if collected separately	Cats 1, 2, 3, 6, 7 ✓ Cats 4,5 ✓ unless evidence provided to the contrary Cats 8,9,10 <sup>▲</sup>	Cats 1, 2, 3, 6, 7 ✓ Cats 4,5 ✓ unless evidence provided to the contrary Cats 8,9,10 <sup>▲</sup>
Office equipment	Dual use ✓ Business to business <sup>▲</sup>	Dual use ✓ Business to business <sup>▲</sup>

\* Further work required by industry to classify the plastic containing fractions produced by treating LDA and fridges.

▲The Environment Agency advises that industry needs to undertake assessment of these streams to determine correct classification status. In the absence of reliable evidence a precautionary approach should be adopted.

## 15. Limitations of the study

### 15.1 GCMS analysis and extraction efficiencies

#### 15.1.1 Factors affecting extraction efficiencies

As discussed in the sections on individual WEEE categories, the extraction efficiency during the GCMS analysis has a significant impact on the results reported. Although the GCMS results reported in this study are likely to under-estimate the real PBDE concentrations, there should be caution in extrapolating any data to 100% extraction efficiency as it is possible that more than one brominated compound is present in the material. However, it is important to ensure that data provided by any laboratory is presented with an 'estimation of error' including the extraction efficiency to provide better contextualisation of the data.

The extraction efficiency is dependent on a number of factors. The main factors which affect the interaction between a polymer and a solvent (solute) are:

- polarity of both polymer and solute;
- temperature;
- pressure;
- interstitial interactions;
- the presence of polymeric or oligomeric BFRs, and;
- the presence of reactively bound BFRs.

Solvent dissolution works most effectively when the polymer(s) are soluble in the organic solvent or solvent azeotrope. An azeotrope is where a mixture of solvents is prepared that has a constant boiling point during any chemical process.

Examples of predicted polymer-solute compatibility are shown in Table 15.1. When interactions between the solid polymer and solvent are not ideal to solubilise the polymers, these may usually be overcome by increasing the temperature and/or pressure of the reaction. Increased agitation (stirring) may also be beneficial. Microwave assisted extractions are slowly replacing standard soxhlet extractions to decrease overall extraction time.

Although a solvent may be predicted to solubilise a polymer this interaction may be impeded by the presence of fillers and/or additives. Inclusion of these materials, such as glass fibres or talc, is predominantly for increased strength. Addition of these materials also limits polymer

flexibility and solute interaction within the polymer chain and disrupts the ability of the solute to fully interact with the polymer.

**Table 15.1 Typical polymer-solute interaction**

	PE	PP	PS	ABS	PC/ABS	PET	PVC	Nylon	Teflon
Acetone	I	I	I	D	D	I	D	I	I
<i>aqua regia</i>	D	D	D	D	D	D	D	D	I
<i>i</i> -propyl alcohol	I	I	I	P	D	D	D	D	I
Benzene	D	D	D	I	I	I	D	I	D
Diethyl ether	D	D	D	I	I	I	I	I	D
Hexane	D	D	D	I	I	I	I	I	D
H <sub>2</sub> O <sub>2</sub>	I	I	I	D	D	D	D	D	I
THF	I	I	D	P	P	I	D	I	I
Toluene	D	D	D	I	I	I	I	I	D
Xylene	D	D	D	I	I	I	I	I	D

Key:

**D = Soluble (completely dissolved)**

**I = Insoluble**

**P = Partially soluble**

The method which was employed for GCMS used tetrahydrofuran (THF) (moderately polar) or toluene (non-polar) . This approach is highly selective for styrenic based polymers such as ABS, PS and PC/ABS. Other polymer matrices in WEEE are unlikely to dissolve in these solvents.

Polymers with no functional groups i.e. hydrocarbon only (polyethylene and polypropylene) are not soluble in polar solvents. This class of polyolefins usually require non-polar solvents (xylene, hexane), but at high temperatures and pressures for good extraction efficiencies. Commercial laboratories are not usually capable of providing these extraction techniques and so there are limited options for the analysis of these types of polymers.

The solubility of polymers is also affected by the presence of additives and fillers. Additives such as glass reinforcement also affect the dissolution behaviour of the polymer resins. This is because interstitial voids are unlikely to be filled by solutes when glass reinforcements are part of the polymer components and therefore impede the polymer dissolution.

### 15.1.2 Complexities of WEEE plastic for GCMS analysis

As demonstrated by the data presented in this report, the extraction efficiencies are extremely varied which demonstrates the multitude of polymer types and combinations used in the WEEE. It would be extremely difficult to identify each individual polymer prior to it being sent for analysis, let alone find a suitable extraction method.

Examples of the different plastic types and uses in WEEE are shown in Table 15.2. The table demonstrates the wide range of plastics used, even for the same application. This means that one WEEE item could contain multiple types of plastics making the choice of analytical methodologies difficult, especially if the plastic is mixed and shredded. This may present a challenge for regulatory enforcement. Additionally this highlights the challenges faced by plastics recyclers who may be required to demonstrate that they have achieved adequate separation of contaminated and non-contaminated WEEE plastic.

**Table 15.2 Examples of plastic types and using in WEEE. British Plastics Federation (2019)**

Plastic	Use
Acrylonitrile butadiene styrene	Telephone handsets, keyboards, monitors, computer housings
Alkyd resins	Circuit breakers, switch gear
Amino resins	Lighting fixtures
Epoxy resins	Electrical components
Ethylene vinyl acetate	Freezer door strips, vacuum lean hoses, handle grips
Phenol formaldehyde	Fuse boxes, knobs, switches, handles
Polyacetal	Business machine parts
Polyamide	Food processor bearings, adaptors
Polycarbonate	Telephones
Polyesters	Business machine parts, coffee machines, toasters
Polyethylene	Cable and wire insulation
Polymethyl methacrylate	Hi-fi lids, windows on tape decks
Polymethyl pentane	Circuit boards, microwave grills
Polyphenylene oxide	Coffee machines, TV housings
Polyphenylene sulphide	Hairdryer grilles, element bases, transformers
Polypropylene	Kettles
Polystyrene	Refrigerator trays/linings, TV cabinets
Polysulphone	Microwave grills
Polytetrafluoroethene	Electrical applications
Polyvinyl chloride	Cable and wire insulation, cable trunking
Styrene acrylonitrile	Hi-fi covers
Urea formaldehyde	Fuse boxes, knobs, switches



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### 15.1.3 Extraction method comparisons

Extraction with THF was compared with the extraction with toluene for some samples to determine whether one method was better than the other. As stated above, both these extraction solutes are high polar, but an exercise was undertaken to determine their performance. Table 15.3 provides a comparison between the two extraction methods.

There was little difference to be seen between the two extraction methods. Although a small number of samples did show a better performance during one technique over another, there is no evidence to suggest that one technique performed better than the other for a particular WEEE category.

In addition, a comparison between the results produced by two laboratories was made. Both laboratories used a THF extraction technique. However, laboratory 2 did not provide analysis for individual congeners for certain PBDEs and therefore the results should be taken as a total.

The results are presented in Table 15.4. The results between the laboratories are similar for most congeners, although for one result there is a large difference between the decaBDE concentrations. This difference may be important as laboratory 1 reported decaBDE as <LOD whilst laboratory 2 reported the concentration to be significantly higher than the concentration limit.

Two CRM standards were sent to both laboratories to compare their data against the CRM standards. One standard was polypropylene and the other was polyethylene. The data is presented in Table 15.5. Both laboratories reported similar results for all congeners below decaBDE. The results reported by both labs for those congeners match well with the standard. However, both laboratories report decaBDE concentrations <10 mg/kg when the stand concentrations are ~700 mg/kg. This is potentially problematic as a concentration of ~700 mg/kg is approaching the concentration limit, but the LOD results by both labs potentially mean that a non-compliant sample may be missed.

This again demonstrates a challenge for regulatory enforcement if the analytical tests which are available are not able to provide sufficient data about a sample. Both of the CRM standards are plastic types which are not suited for the extraction technique employed. However, the values obtained for PBDE congeners lower than decaBDE were good. This indicates that decaBDE as a compound may be difficult to extract from a matrix which could lead to under-estimations of concentration and may be an explanation for the differences in the decaBDE results in Table 15.4.

The extraction efficiencies may also be poor due to the way in which the BFRs are bound to the plastic matrix. In some cases the BFRs are reactively bound to the matrix (which is often the case for PCBs) and therefore are very stable and difficult to extract.

There is currently no standardised method for PBDE extraction from a range of plastics and therefore differences in the extraction efficiencies and consequently the results can arise. Various problems have been reported which can lead to lower PBDE results. An example is the requirement for the use of short GC columns as the PBDEs, especially decaBDE, can degrade when heating.

It is clear that there are several factors which affect the extraction efficiency of the BFRs from plastics and so impact the quality of the data. It may be that additional research is required to optimise the method of extraction for a range of compounds and plastics to enable a more accurate assessment.

It is also important to ensure that PBDE analysis which is undertaken for regulatory purposes is presented with 'estimation of error' values based on parameters such as the extraction efficiencies. This would allow for an appreciation as to whether the reported values are likely to be an under-estimate.

Table 15.3 Extraction solvent comparison

Category	Sample Code	Extraction Efficiency (%)	
		THF	Toluene
FRI	W4484	69	61
	W4485	43	48
	W4486	2	11
	W4488	5	45
	W4489	17	6
	W4491	2	19
PCB	W4493	2	3
	W4494	38	21
	W4495	77	75
	W4498	2	7
	W4510	7	5
	W5794	4	0
	W5743	2	4
	W5795	8	0
	W5740	10	9
	W5739	3	27
	W5733	23	20
	W5732	8	0
	W5731	1	1
	W5730	0	4
CABLE	W5729	73	73
	W5728	83	88
	W5724	94	95
	W5725	89	85
	W5796	71	55
	W5721	11	22
	W5719	13	5
	W5718	54	39
	W5717	15	29
	W5716	41	7
	W5715	58	0
	W5714	68	63
	W5713	40	19
	W5712	82	89

Table 15.4 Inter-laboratory comparison study

Determinand	Results from laboratories (mg/kg)							
	W4472		W4471		W4551		W4469	
	Lab 1	Lab 2	Lab 1	Lab 2	Lab 1	Lab 2	Lab 1	Lab 2
MonoBDE	NR	<1	NR	<1	NR	<1	NR	<1
DiBDE	NR	<1	NR	<1	NR	<1	NR	<1
BDE 17 (Tri)	< 10	<1	< 10	<1	< 10	<1	< 10	<1
BDE 28 (Tri)	< 10		< 10		< 10		< 10	
BDE 47 (Tetra)	< 10	<1	< 10	<1	< 10	<1	< 10	<1
BDE 66 (Tetra)	< 10		< 10		< 10		< 10	
BDE 77 (Tetra)	< 10		< 10		< 10		< 10	
BDE 85 (Penta)	< 10	17	< 10	<1	< 10	<1	< 10	<1
BDE 99 (Penta)	12		< 10		< 10		< 10	
BDE 100 (Penta)	< 10		< 10		< 10		< 10	
BDE 138 (Hexa)	231	4,600	< 10	7.5	< 10	<1	< 10	7.5
BDE 153 (Hexa)	5,126		7.96		< 10		19.8	
BDE 154 (Hexa)	461		< 10		< 10		2.5	
BDE 183 (Hepta)	46,726		47.0		< 10		130	
BDE 196 (Octa)	14,656	25,000	18.4	210	3.0	<1	84.4	40
BDE 197 (Octa)	26,685		42.3		< 10		121	
BDE 201 (Octa)	941		< 10		< 10		18.1	
BDE 207 (Nona)	22,468	9,800	41.3	15	< 10	<1	506	160
BDE 209 (Deca)	6,315	2,700	< 10	240	< 10	<1	< 10	8,400
TBBPA	<10	<5	NR	<5	125,250	350,000	NR	NR

Table 15.5 Comparison of laboratory data with CRM standards

Determinand	Results from laboratories (mg/kg)					
	Polypropylene CRM standard			Polyethylene CRM standard		
	Standard	Lab 1	Lab 2	Standard	Lab 1	Lab 2
Bromine	2,080			2,130		
MonoBDE			<1			<1
DiBDE			<1			<1
BDE 17 (Tri)	0.9	< 10	2	0.9	< 10	2
BDE 28 (Tri)	2.5	< 10		2.4	< 10	
BDE 47 (Tetra)	245	312	190	230	266	180
BDE 66 (Tetra)	4.6	10		4.6	< 10	
BDE 77 (Tetra)		< 10			< 10	
BDE 85 (Penta)	19.1	12	310.00	17.7	11.27	240
BDE 99 (Penta)	320	312		302	263	
BDE 100 (Penta)	66	67		63	59	
BDE 138 (Hexa)	6	< 10	53	5.6	< 10	56
BDE 153 (Hexa)	44	40		47	49	
BDE 154 (Hexa)	26	24		25.7	23	
BDE 183 (Hepta)	87	40		132	50	
BDE 196 (Octa)		30	77		26	130
BDE 197 (Octa)	52	20		76	21	
BDE 201 (Octa)		11			10	
BDE 207 (Nona)	44	< 10	180	90	< 10	190
BDE 209 (Deca)	780	< 10	190	650	< 10	160
BB 209 (Deca)	740			630		

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## 15.2 Study Sample size

This study provides a snapshot of the characteristics of WEEE streams in the UK in 2019. The data produced by this study were obtained from random sampling over a defined time period. This sampling approach aimed to provide a representative dataset for the UK WEEE streams. It is clear however that the dataset for some WEEE categories is much greater than others. The difficulty in dismantling LDA for example means that a smaller sample size was obtained than for CRTs.

Despite this, XRF scanning has provided an insight into the concentrations of bromine and antimony in WEEE plastics. It has shown that a significant proportion of these plastics contain bromine and antimony at functional levels. If bromine is associated with PBDEs, then it is likely that a significant proportion of WEEE plastics would be POPs containing wastes.

The sample size sent for GCMS analysis is small compared to the sample size of the XRF study. However, despite this, POPs-PDBEs have been found at concentrations greater than the maximum concentration limit and if they have been found in a small data set it is likely that they are prevalent in WEEE as a whole.

Difficulties with the extraction efficiencies for different plastic types together with the fact that the GCMS results were not able to account for the total bromine concentration, means that there is a significant amount of 'missing bromine' in many of the samples. This 'missing bromine' could be a result of several factors, including:

- the low extraction efficiencies of GCMS analysis; or
- the analysis was not performed for certain brominated compounds.

All samples submitted for HBCDD ( $\alpha + \beta + \gamma$ ) or HxBB recorded values below the limit of detection or at negligible concentrations. This indicates that these compounds are not present in WEEE. However, although only a small number of samples was submitted for TBBPA analysis concentrations as high as 125,250 mg/kg were observed. Therefore, TBBPA is also present in WEEE and possibly in a large proportion of plastic. The items which were recorded as containing TBBPA included display units, an electrical casing and an external casing.

TBBPA is not a POP, but it has a harmonised classification as an ecotoxic compound (H400, H410) and a non-harmonised classification as a carcinogen (H351). Therefore, its presence in a plastic above 2,500 mg/kg will result in classification as hazardous.

Based on the number of samples which were submitted for TBBPA, it is not possible to provide information on its prevalence in WEEE plastics. However, it is known in literature that this chemical is prevalent (particularly in PCBs, although none were found in PCBs in this study).

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There may also be other chemicals which are used as BFRs and not determined for during this work. These chemicals may include:

- 1,2-bis(2,4,6-tribromophenyl)ethane (BTBPE);
- decabromodiphenylethane.

Further work may be required to understand whether these compounds are present in WEEE plastics.

Despite the limitations of this study, the work has confirmed that chemicals classified as POPs are present in WEEE plastics in the England and Wales.

## 16. Routes for POPs-containing wastes

The POPs Regulation requires POPs-containing wastes to be managed so that the POP chemicals are destroyed or irreversibly transformed. The routes which are available are thermal or chemical destruction. Thermal destruction requires incineration at high temperatures in excess of 850 °C. This can be achieved in municipal solid waste incinerators (MSWI), high temperature incineration (HTI) facilities, cement kilns or gasification facilities. Pyrolysis may also be used to treat POPs-containing waste.

Chemical destruction and recycling techniques exist, but are less established and many have only been conducted at laboratory or pilot plant scale. An example of a chemical destruction method is a solvent extraction where solvents and/or supercritical fluids can be used to extract POPs from plastics which can subsequently be recycled. However, this method of extraction has only been developed for specific materials containing POPs for example polyurethane foams. There would need to be significant research and development to develop a technique which is flexible enough to treat various plastic types containing various POPs. It is likely that such a process will experience similar difficulties to the GCMS extraction process which is analogous but at a much smaller scale. Therefore, high temperature incineration is currently the best method available to treat POPs-containing mixed plastic from various WEEE sources.

A mixed WEEE stream has an absolute hazardous EWC code of 19 02 04\* - *premixed wastes composed of at least one hazardous waste*. However, if that stream undergoes a bromine separation process (such as sink float) to produce pure plastic streams then both POPs-containing and non-POPs-containing outputs from that process will have the EWC code of 19 12 04 – *plastic and rubber* which is an absolute non-hazardous waste code (although the POPs containing stream would still be a POPs waste).

This means that the POPs-containing plastic fraction can be accepted by municipal solid waste incinerators. In practice, however, operators of these plants are often reluctant to take a feed stock with such a high calorific value (CV) as plastic. Concerns about CV are not shared by cement kilns and this means that POPs-containing plastic can be incorporated into solid recovered fuel (SRF) for use as an alternative fuel in cement kilns which typically operate at temperatures around 1400 °C.

Cement kiln fuel analysis was performed on a blended CRT sample and a blended SMW sample. This analysis is presented in Table 16.1 to Table 16.4 and includes CV analysis and ash analysis.



**Table 16.1 Cement fuel analysis of WEEE plastic**

Determinand	Units	Blended CRT		Blended SMW	
		As received	Dry	As received	Dry
Loose bulk density	kg/m <sup>3</sup>	396	-	500	-
Gross CV	kJ/kg	36,814	36,941	38,956	38,879
Net CV	kJ/kg	35,145	34,724	37,351	36,546
Moisture	%w/w	0.3	-	<1	-
Ash	%w/w	2.6	2.6	2.4	2.4
Sulphur	%w/w	0.04	0.04	0.05	0.05
Chlorine	%w/w	0.3	0.3	0.1	0.1
Fluorine	%w/w	<0.02	-	<0.02	-
Bromine	%w/w	0.86	-	<0.01	-
Iodide	%w/w	<0.01	-	<0.01	-
Boron	mg/kg	-	-	3.2	-
Total organic carbon	%w/w	>90	-	97.5	-

**Table 16.2 Metals concentrations in WEEE plastic determined by ICP-OES following *aqua regia* digestion**

Determinand	Units	Blended CRT	Blended SMW
Mercury	mg/kg	<0.2	<1
Cadmium	mg/kg	<1	<1
Thallium	mg/kg	<1	<1
Antimony	mg/kg	<1	<1
Arsenic	mg/kg	<1	<1
Chromium	mg/kg	2.3	1.5
Cobalt	mg/kg	<1	<1
Copper	mg/kg	12	4.4
Lead	mg/kg	3.6	6.0
Manganese	mg/kg	2.0	1.9
Nickel	mg/kg	<1	<1
Tin	mg/kg	<1	<1
Vanadium	mg/kg	<1	<1

**Table 16.3 XRF analysis of the ash post combustion**

Metals expressed as oxides in ash determined by XRF	Blended CRT (wt.%)	Blended SMW (wt.%)
SiO <sub>2</sub>	17.2	9.9
Al <sub>2</sub> O <sub>3</sub>	18.2	6.5
Fe <sub>2</sub> O <sub>3</sub>	11.9	4.1
TiO <sub>2</sub>	0.7	0.2
CaO	30.5	69.7
MnO <sub>2</sub>	<0.1	<0.1
MgO	8.3	2.1
Na <sub>2</sub> O	12.4	6.2
K <sub>2</sub> O	0.5	0.4
P <sub>2</sub> O <sub>5</sub>	0.3	0.3
SO <sub>4</sub>	<0.1	0.5
SO <sub>3</sub>	<0.1	<0.1
Total	100	100

**Table 16.4 POPs analysis of the WEEE plastic**

Determinand	Blended CRT (wt.%)	Blended SMW (wt.%)
PCBs	<0.01	<0.01
PCPs	<0.01	<0.01

Prior to destruction, the POPs-containing plastic fraction needs to be separated from clean plastic which can be recycled.

There are various techniques to separate plastics. A commonly used approach is density separation. Theoretically, the presence of BFRs in plastics will increase the plastic density and so plastic containing BFRs can be separated by flotation. For simple plastic streams or WEEE streams which mostly contain single polymers (CRTs for example) this is relatively straightforward. However, for WEEE streams which contain a mix of polymers then density separation can be very challenging. As discussed in this report plastics in streams such as SMW can be varied, contain different fillers as well as BFRs. Calculating a density which is a

suitable 'cut off' for which the heavy plastics will sink can be very difficult and it may be that a conservative approach is applied which means some plastics which do not contain POPs end up in the fraction which is to be destroyed.

An alternative technique may be to use X-ray technologies which are able to scan the plastic and then separate them using air sorting or a similar automatic sorting technology. These techniques are likely to be able to better cope with various polymer types and so obtain a better cut between POPs containing and non-POPs contain plastics. There are few examples in place and therefore such a technology would require investment into research and development to implement it in the UK.

## 17. Conclusions and further work

During this programme of work 2,395 items were scanned using XRF to determine the bromine concentration in WEEE plastics. The work highlighted that in all WEEE streams bromine is prevalent alongside antimony. Both these elements are likely to be present in compounds which are used as flame retardants. Antimony trioxide is classified as a hazardous chemical and its concentration in some plastic items can be high enough for the item to be classified as hazardous.

The XRF data demonstrated that there was no observable trend between the bromine or antimony concentration based on demographic, colour, age or brand of WEEE items. Therefore, it is not possible to easily segregate WEEE based on these factors.

GCMS analysis has shown that in some plastic components, the bromine found during the XRF scanning exercise is associated with POPs-PBDEs, in particular decaBDE. Therefore, based on this work, the Environment Agency has been able to provide advice that several WEEE streams are a POPs containing waste and require appropriate management.

The streams which have been classified as POPs containing wastes are:

- CRTs
- FPDs
- PCBs
- Cables
- SMW (as a mixed stream and categories 1, 2, 3, 6, and 7 if collected and treated separately); 4 and 5 unless evidence can be provided to the contrary
- Office equipment (dual use).

The above streams are also classified as hazardous waste due to antimony concentrations above the MCL for antimony trioxide.

Due to insufficient evidence, the Environment Agency has advised that industry needs to undertake assessment of the following streams to determine correct classification status. In the absence of reliable evidence a precautionary approach should be adopted. These are:

- Categories 8, 9 and 10 when collected and treated separately
- Office equipment (business to business)

LDA and fridges as entire units have not been classified as POPs containing wastes. This is due to the fact that those components which have been found to contain POPs are very small

relative to the entire unit. Therefore, the POPs-PBDE concentration of the entire unit is not over the MCL. However, once the plastic has been separated it may have a POPs-PBDE concentration greater than the concentration limit and further work is required to determine this. LDA items as entire units are not hazardous with respect to antimony concentration; fridges as entire units are hazardous because of other substances they contain.

Further work which may prove useful in providing a greater understanding of the presence of POPs in WEEE plastics and options for managing POPs plastics is as follows.

- Work to develop better extraction techniques for all plastic types to allow for a more accurate assessment of BFRs in WEEE plastics. This may be important so that the regulator is able to confidently assess separated plastic fractions and monitor compliance.
- Work to identify and assess other destruction techniques for e.g. gasification and pyrolysis.
- Research to improve the separation or sorting technologies available to separate POPs containing plastics from non-POPs containing plastics especially for plastic streams with mixed polymer types. This would help to improve the quality of fractions being sent for recycling and reduce losses of recyclable plastics being sent for destruction.
- To assess the POPs and hazardous content of the plastic stream arising from fridge treatment to ensure correct waste classification.
- To test printer cartridges for POPs and other hazardous substances.

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Appendix A GCMS data

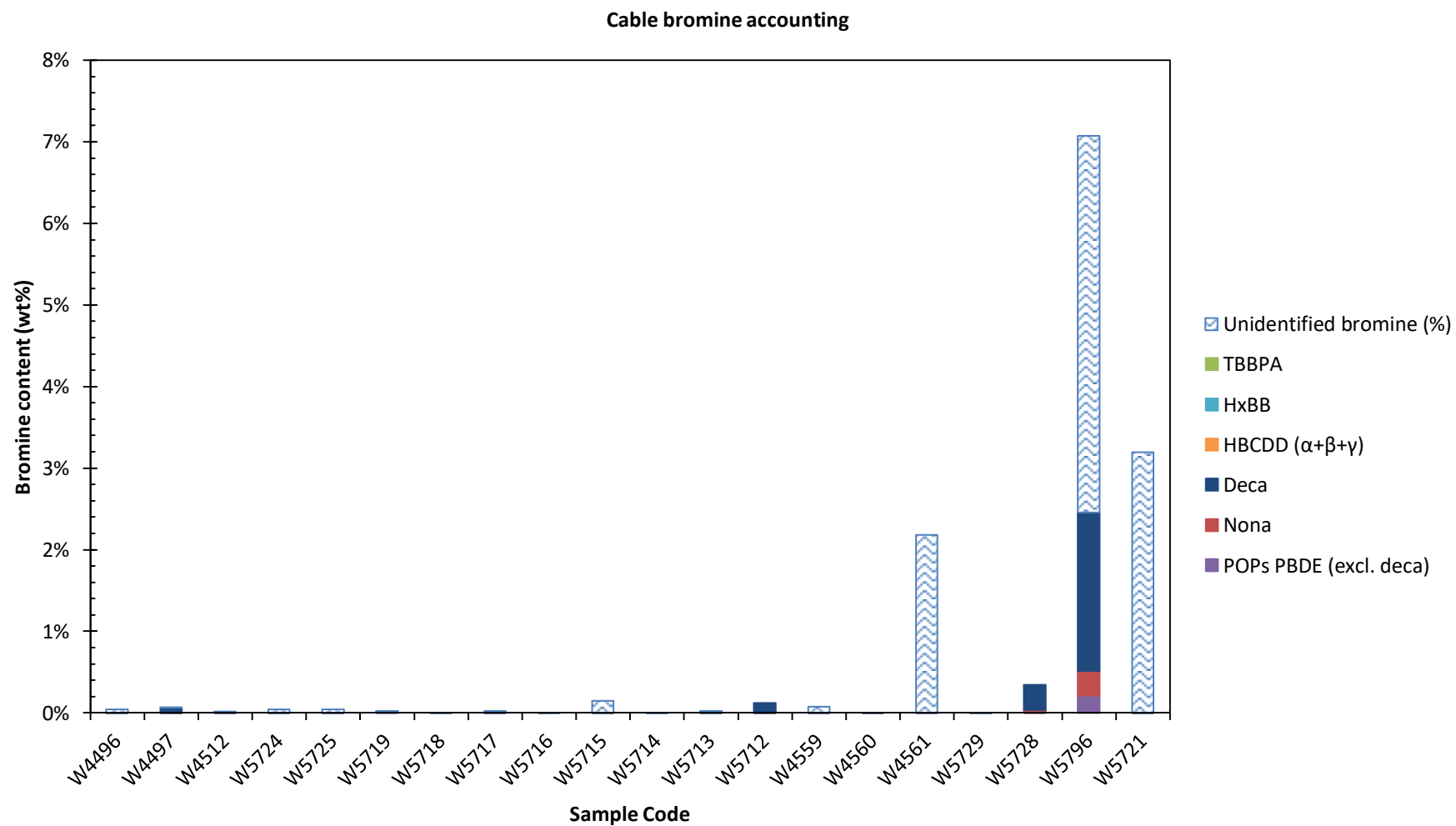
A1 Cables

Key			
Concentration (mg/kg)	Range	Extraction Efficiency (%)	Range
0-500	Below limit	≤ 0	No extraction
500-1000	Near limit	0-30	Poor
1000 ≤	Above limit	30-50	Low
		50-80	Moderate
		80-100	Good

		Bromine conc. (wt. %)	PBDE concentration (mg/kg)																		
			BDE 17	BDE 28	BDE 47	BDE 66	BDE 77	BDE 85	BDE 99	BDE 100	BDE 138	BDE 153	BDE 154	BDE 183	BDE 196	BDE 197	BDE 201	BDE 203	BDE 207	BDE 209	%
WRC No	Item Type		Tri	Tri	Tetra	Tetra	Tetra	Penta	Penta	Penta	Hexa	Hexa	Hexa	Hepta	Octa	Octa	Octa	Octa	Nona	Deca	Extraction Efficiency
W4496	Exterior Cable	0.05	< 10	< 10	0	< 10	< 10	0	< 10	< 10	< 10	4	1	18	6	14	< 10	3	12	58	75
W4497	Exterior Cable	0.01	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	9	5	9	1	3	31	704	9
W4512	Exterior Cable	0.001	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	3	1	2	0	0	2	7	70
W5724	Exterior Cable	0.01	0	0	0	0	< 10	0	0	< 10	< 10	0	0	0	< 10	0	< 10	0	0	14	95
W5725	Exterior Cable	0.002	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	0	< 10	< 10	1	51	85
W5719	Exterior Cable	0.02	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	5
W5718	Exterior Cable	0.009	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	0	< 10	< 10	0	< 10	1	39
W5717	Exterior Cable	0.01	< 10	< 10	0	< 10	< 10	0	0	0	< 10	< 10	0	0	< 10	< 10	< 10	< 10	1	25	29
W5716	Exterior Cable	0.005	< 10	< 10	0	< 10	< 10	< 10	0	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	7
W5715	Exterior Cable	0.009	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	0	13	0
W5714	Exterior Cable	0.019	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	1	63
W5713	Exterior Cable	0.009	< 10	< 10	0	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	0	0	< 10	< 10	< 10	0	6	19
W5712	Exterior Cable	0.025	< 10	< 10	0	< 10	< 10	< 10	0	< 10	0	0	< 10	0	1	0	0	1	16	1453	89
W4559	Interior Cable	0.006	< 10	< 10	0	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	1	0	1	< 10	0	1	14	93
W4560	Interior Cable	ND	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	1	1	0	0	4	90	57
W4561	Interior Cable	2.00	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	4	14	0
W5729	Interior Cable	0.007	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	0	0	0	< 10	< 10	< 10	0	19	73
W5728	Interior Cable	0.008	3	15	8	2	< 10	0	1	0	0	1	1	6	15	22	17	28	338	3678	83
W5796	Interior Cable	0.001, 0.005	< 10	< 10	2	< 10	< 10	1	< 10	1	7	9	< 10	50	1273	247	251	845	3707	23333	71
W5721	Interior Cable	ND	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	6	46	22

WRC No	Item Type	mg/kg	mg/kg
		HBCDD ( $\alpha+\beta+\gamma$ )	HxBB
W4496	Exterior Cable	<10	<10
W4497	Exterior Cable	<10	<10
W4512	Exterior Cable	<10	<10
W5724	Exterior Cable	<20	<10
W5725	Exterior Cable	<20	<10
W5719	Exterior Cable	<20	<10
W5718	Exterior Cable	<20	<10
W5717	Exterior Cable	<20	<10
W5716	Exterior Cable	<20	<10
W5715	Exterior Cable	<20	<10
W5714	Exterior Cable	<20	<10
W5713	Exterior Cable	<20	<10
W5712	Exterior Cable	<20	<10
W4559	Interior Cable	<10	<10
W4560	Interior Cable	<10	<10
W4561	Interior Cable	<10	<10
W5729	Interior Cable	<20	<10
W5728	Interior Cable	<20	<10
W5796	Interior Cable	<20	<10
W5721	Interior Cable	<20	<10

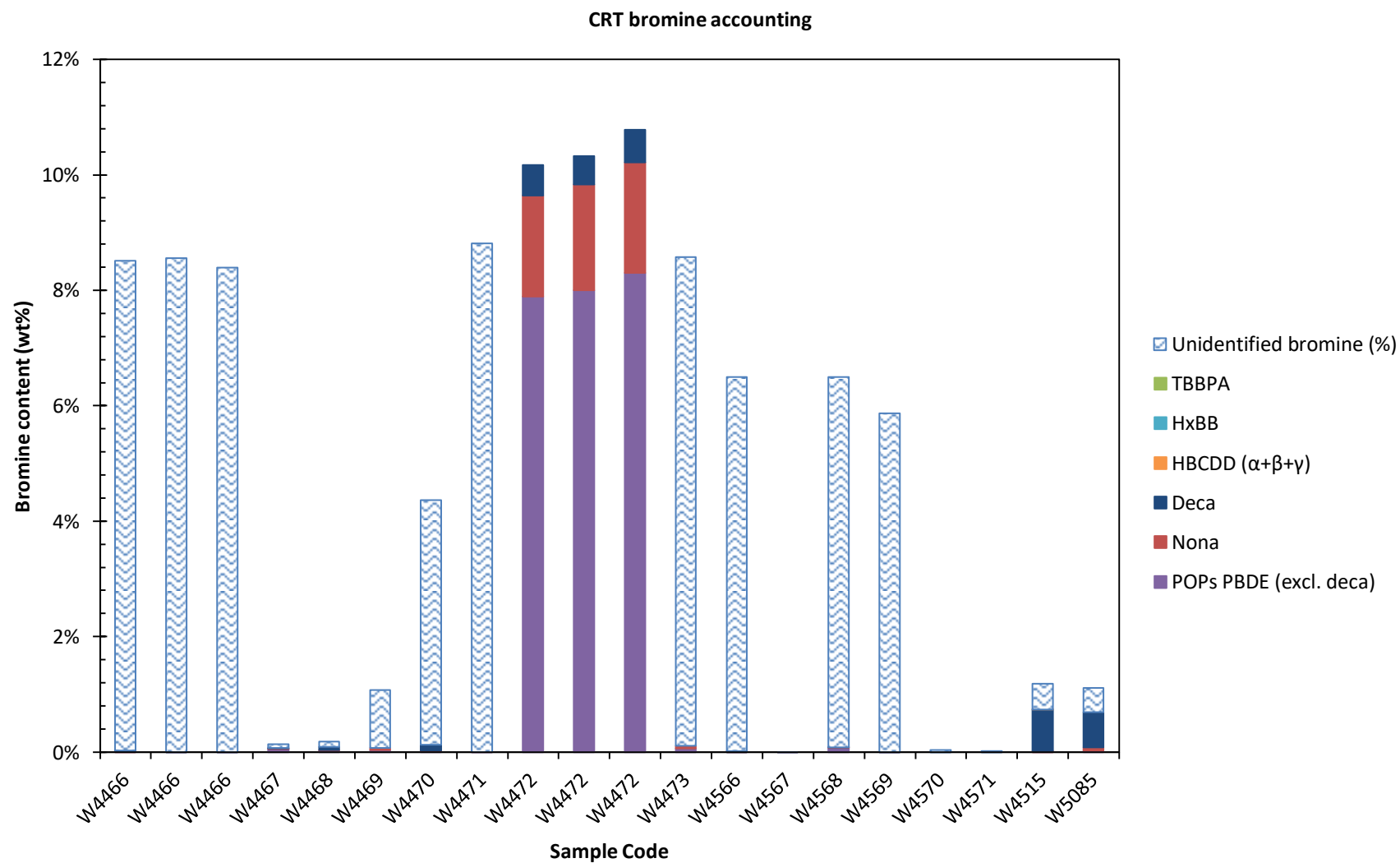




A2 CRT

			Bromine conc. (wt.%)	PBDE concentration (mg/kg)																		%
WRC No	Site	Sample		BDE 17	BDE 28	BDE 47	BDE 66	BDE 77	BDE 85	BDE 99	BDE 100	BDE 138	BDE 153	BDE 154	BDE 183	BDE 196	BDE 197	BDE 201	BDE 203	BDE 207	BDE 209	
				Tri	Tri	Tetra	Tetra	Tetra	Penta	Penta	Penta	Hexa	Hexa	Hexa	Hepta	Octa	Octa	Octa	Octa	Nona	Deca	Extraction Efficiency
W4466	Environcom, Grantham	1	10.68	< 10	3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	53	37	59	< 10	25	66	95	47
W4466	Environcom, Grantham	1	10.68	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	14	8	15	< 10	8	24	84	41
W4466	Environcom, Grantham	1	10.68	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	3	1	3	8	6	< 10	8	7	74	59
W4467	Environcom, Grantham	2	0.00	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	2	36	4	336	98	213	8	47	141	39	93
W4468	Environcom, Grantham	3	0.51	< 10	< 10	0	27	< 10	< 10	< 10	< 10	1	22	2	162	31	83	< 10	23	160	658	96
W4469	Environcom, Grantham	71	0.97	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	20	2	130	84	121	18	59	506	< 10	92
W4470	Environcom, Grantham	93	3.80	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	19	< 10	119	30	83	4	15	115	1197	96
W4471	Environcom, Grantham	115	11.65	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	8	< 10	47	18	42	< 10	13	41	< 10	94
W4472	Environcom, Grantham	220	13.63	< 10	< 10	< 10	< 10	< 10	< 10	9	< 10	248	4994	384	47726	13604	25265	909	7572	21517	6344	97
W4472	Environcom, Grantham	220	13.63	< 10	< 10	< 10	< 10	< 10	< 10	14	< 10	204	4971	512	47203	14515	25915	954	7821	22455	5833	97
W4472	Environcom, Grantham	220	13.63	< 10	< 10	< 10	< 10	< 10	< 10	13	5	241	5414	486	45249	15848	28874	961	8776	23432	6768	97
W4473	Environcom, Grantham	231	11.21	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	2	39	10	299	131	199	29	110	585	< 10	69
W4566	CSS, Newbury	1	7.93	< 10	< 10	1	9	< 10	0	2	< 10	< 10	15	< 10	32	13	15	< 10	< 10	41	84	88
W4567	CSS, Newbury	7	4.01	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	1	1	83
W4568	CSS, Newbury	8	7.45	< 10	< 10	< 10	73	< 10	< 10	1	< 10	< 10	72	< 10	442	108	222	< 10	< 10	147	33	90
W4569	CSS, Newbury	10	5.70	< 10	< 10	1	2	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7	< 10	< 10	< 10	< 10	12	31	95
W4570	CSS, Newbury	41	ND	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	92
W4571	CSS, Newbury	78	0.00	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	30
W4515	Environcom, Grantham	Blended sample		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	5	8	4	< 10	6	186	8703	88
W5085	CSS, Newbury	Blended sample		< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	10	41	50	89	68	97	714	7335	76

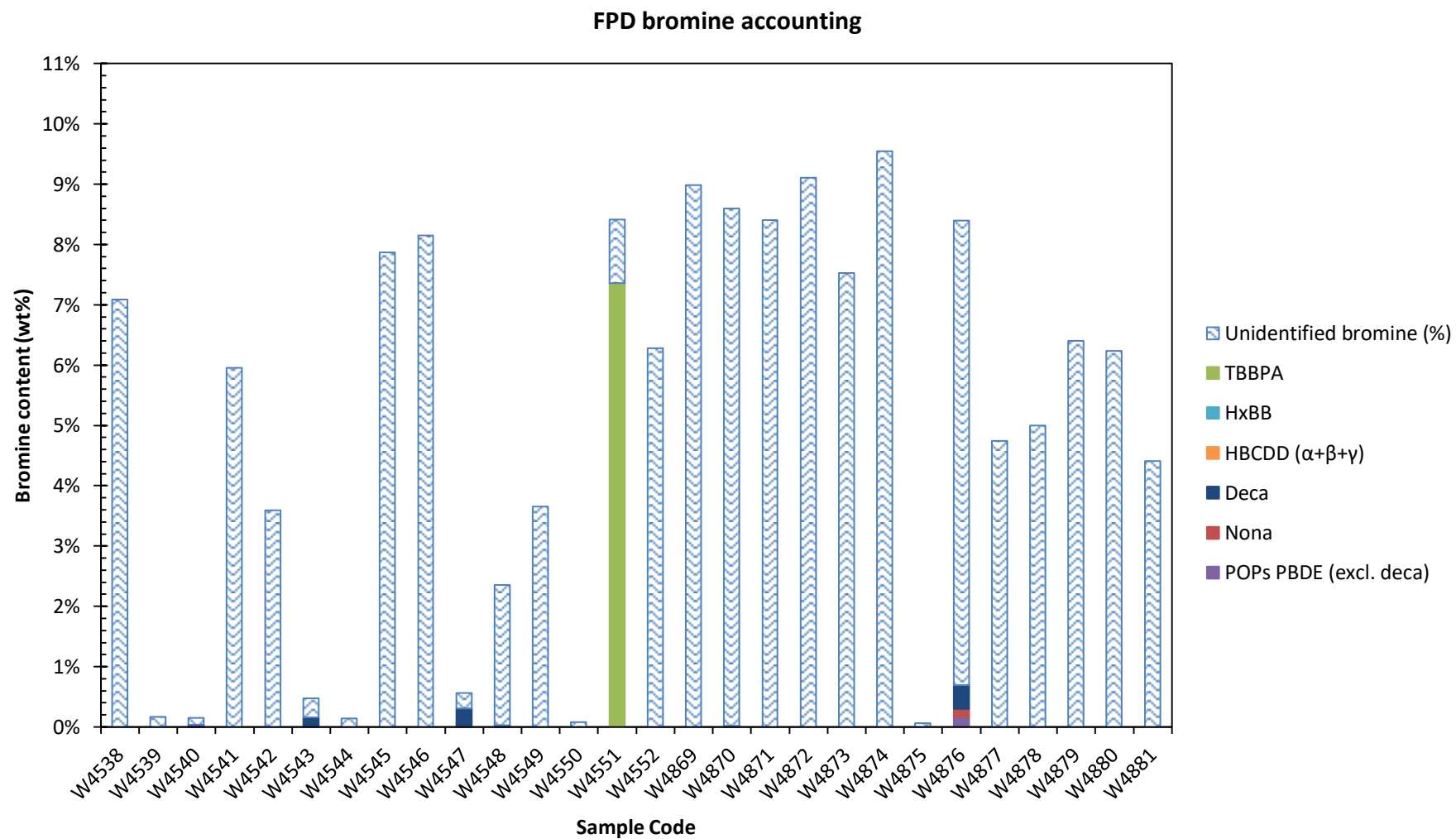
		mg/kg	mg/kg	mg/kg
WRC No	Sample	HBCDD ( $\alpha+\beta+\gamma$ )	HxBB	TBBPA
W4466	1	<10	<10	<10
W4466	1	<10	<10	<10
W4466	1	<10	<10	<10
W4467	2	<10	<10	-
W4468	3	<10	<10	-
W4469	71	<10	<10	-
W4470	93	<10	<10	-
W4471	115	<10	<10	<5
W4472	220	<10	<10	<10
W4472	220	<10	<10	<10
W4472	220	<10	<10	<10
W4473	231	<10	<10	-
W4566	1	<10	<10	-
W4567	7	<10	<10	-
W4568	8	<10	<10	-
W4569	10	<10	<10	-
W4570	41	<10	<10	-
W4571	78	<10	<10	-
W4515	-	24	<10	-
W5085	-	<20	<10	-



## A3 FPD

				PBDE concentration (mg/kg)																		
				BDE 17	BDE 28	BDE 47	BDE 66	BDE 77	BDE 85	BDE 99	BDE 100	BDE 138	BDE 153	BDE 154	BDE 183	BDE 196	BDE 197	BDE 201	BDE 203	BDE 207	BDE 209	%
WRC No	Site	Sample	Bromine conc. (wt. %)	Tri	Tri	Tetra	Tetra	Tetra	Penta	Penta	Penta	Hexa	Hexa	Hexa	Hepta	Octa	Octa	Octa	Octa	Nona	Deca	Extraction Efficiency
W4538	Veolia, Bridgnorth	8	9.82	< 10	< 10	1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	3	3	5	1	< 10	9	26	14
W4539	Veolia, Bridgnorth	13	0.07	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	< 10	4	53	8	6	34	4	27	17
W4540	Veolia, Bridgnorth	18	0.17	< 10	0	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	2	3	3	< 10	2	17	477	50
W4541	Veolia, Bridgnorth	28	5.10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	< 10	< 10	50
W4542	Veolia, Bridgnorth	29	3.19	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	3	< 10	< 10	1	6	48	30
W4543	Veolia, Bridgnorth	39	0.39	< 10	0	0	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	13	13	13	3	8	81	1795	58
W4544	Veolia, Bridgnorth	41	0.15	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	1	1	0	1	4	91	86
W4545	Veolia, Bridgnorth	61	7.97	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	1	< 10	< 10	< 10	7	61	92
W4546	Veolia, Bridgnorth	91	10.33	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	1	< 10	< 10	4	< 10	3
W4547	Veolia, Bridgnorth	94	0.54	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	6	6	4	7	134	3604	51
W4548	Veolia, Bridgnorth	100	2.00	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	2	2	< 10	< 10	14	308	26
W4549	Veolia, Bridgnorth	106	3.41	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	2	< 10	< 10	< 10	1	9	90
W4550	Veolia, Bridgnorth	130	0.00	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	0	0	< 10	< 10	1	23	68
W4551	Veolia, Bridgnorth	249	10.64	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	3	< 10	< 10	< 10	< 10	< 10	71
W4552	Veolia, Bridgnorth	256	7.75	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	3	< 10	22
W4869	Recycling Lives, Preston	142	11.33	< 10	< 10	< 10	1	< 10	< 10	< 10	0	4	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	37
W4870	Recycling Lives, Preston	143	10.89	< 10	< 10	< 10	< 10	0	< 10	< 10	0	< 10	< 10	< 10	6	27	< 10	< 10	15	34	129	94
W4871	Recycling Lives, Preston	147	10.44	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	3	< 10	< 10	2	< 10	7	18
W4872	Recycling Lives, Preston	157	11.38	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	46
W4873	Recycling Lives, Preston	169	10.32	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	< 10	1	< 10	88	88
W4874	Recycling Lives, Preston	188	11.61	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	5	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	20
W4875	Recycling Lives, Preston	215	0.00	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	0	0	0	0	0	< 10	< 10	1	5	83
W4876	Recycling Lives, Preston	234	10.70	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	22	34	11	244	902	362	< 10	608	1563	4779	19
W4877	Recycling Lives, Preston	144	4.06	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	5	15	12	< 10	9	38	75	92
W4878	Recycling Lives, Preston	146	4.40	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	52
W4879	Recycling Lives, Preston	217	7.18	< 10	< 10	< 10	< 10	1	< 10	1	< 10	< 10	< 10	< 10	< 10	2	3	< 10	< 10	< 10	113	89
W4880	Recycling Lives, Preston	222	5.58	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	4	< 10	< 10	< 10	66	75
W4881	Recycling Lives, Preston	229	3.11	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	75

	mg/kg	mg/kg	mg/kg
WRC No	HBCDD ( $\alpha+\beta+\gamma$ )	HxBB	TBBPA
W4538	<10	<10	-
W4539	<10	<10	-
W4540	6	<10	-
W4541	<10	<10	140
W4542	<10	<10	-
W4543	10	<10	-
W4544	<10	<10	-
W4545	<10	<10	-
W4546	<10	<10	14.0
W4547	7	<10	-
W4548	<10	<10	-
W4549	<10	<10	-
W4550	<10	<10	-
W4551	<10	<10	125250
W4552	<10	<10	-
W4869	<10	<10	-
W4870	<10	<10	-
W4871	<10	<10	-
W4872	<10	<10	-
W4873	<10	<10	-
W4874	<10	<10	-
W4875	<10	<10	-
W4876	<10	16	-
W4877	<10	<10	-
W4878	<10	<10	-
W4879	<10	<10	-
W4880	<10	<10	-
W4881	<10	<10	-

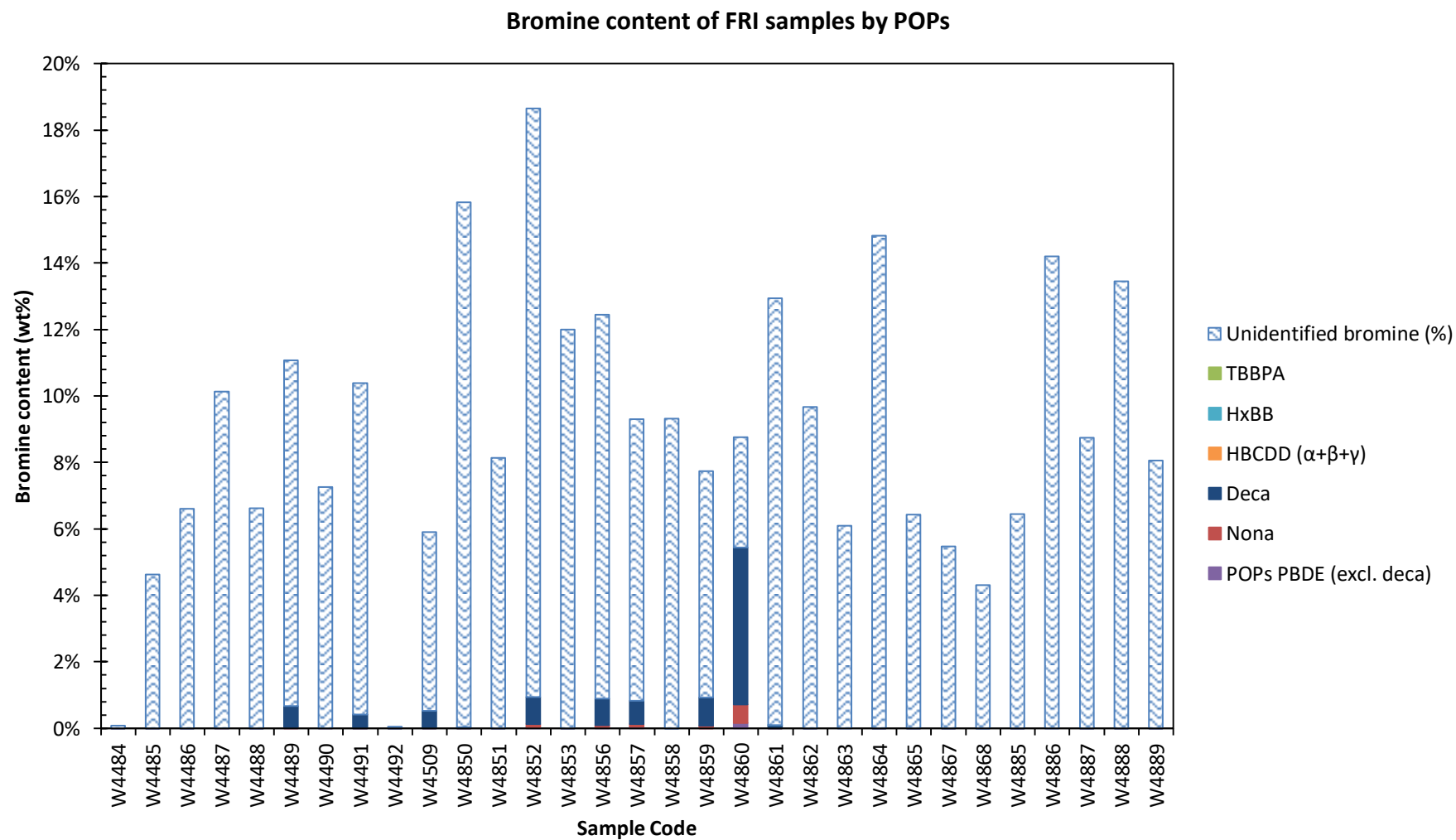


A4 Fridges

					PBDE concentration (mg/kg)																			
						BDE 17	BDE 28	BDE 47	BDE 66	BDE 77	BDE 85	BDE 99	BDE 100	BDE 138	BDE 153	BDE 154	BDE 183	BDE 196	BDE 197	BDE 201	BDE 203	BDE 207	BDE 209	%
WRC No	Site	Sample	Component	Bromine conc. (wt.%)	Tri	Tri	Tetra	Tetra	Tetra	Penta	Penta	Penta	Hexa	Hexa	Hexa	Hepta	Octa	Octa	Octa	Octa	Nona	Deca	Extraction Efficiency	
W4484	Environcom, Grantham	2A	Internal fixing	0.09	< 10	< 10	7	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	< 10	10	5	6	1	4	19	160	61
W4485	Environcom, Grantham	8B	Internal component	5.13	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	14	7	11	< 10	5	20	124	43
W4486	Environcom, Grantham	22B	Electrical component casing	5.96	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	6	2	3	< 10	2	11	32	2
W4487	Environcom, Grantham	22C	Internal casing	13.12	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	9	8	7	< 10	< 10	12	< 10	5
W4488	Environcom, Grantham	26B	Electrical component casing	8.64	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7	5	11	< 10	< 10	12	46	5
W4489	Environcom, Grantham	30A	Internal framework	17.06	< 10	3	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	11	138	15	< 10	50	306	7531	17
W4490	Environcom, Grantham	40B	PCB support box	8.89	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	14	7	11	< 10	< 10	23	< 10	97
W4491	Environcom, Grantham	41A	Internal casing	14.98	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	6	18	10	< 10	5	120	4944	2
W4492	Environcom, Grantham	50C	Internal framework	0.04	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	1	1	< 10	1	8	179	92
W4509	Environcom, Grantham	8D	Pipe	7.19	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	11	14	13	< 10	8	150	6095	93
W4850	Viridor, St. Helens	33C	Box on Compressor	20.62	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	19	11	3	12	74	313	4	
W4851	Viridor, St. Helens	45C	Switch box	10.33	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	2	16	6	4	9	22	127	16
W4852	Viridor, St. Helens	59A	Junction Box	28.60	< 10	< 10	< 10	< 10	1	< 10	2	< 10	2	< 10	3	9	315	41	37	99	1195	9714	31	
W4853	Viridor, St. Helens	60A	Black Compressor Housing	17.88	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	11	117	6	
W4856	Viridor, St. Helens	67A	Cable Box	13.02	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	5	210	45	40	98	832	9563	55	
W4857	Viridor, St. Helens	67B	Cable Box	16.98	< 10	< 10	1	< 10	< 10	< 10	< 10	< 10	< 10	14	< 10	20	299	70	39	105	1082	8434	51	
W4858	Viridor, St. Helens	101A	Control Box	12.39	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	41	88	
W4859	Viridor, St. Helens	101B	Wiring Cover	11.18	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	73	42	26	40	763	10188	87
W4860	Viridor, St. Helens	102A	Control Box	10.13	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	20	865	242	239	615	6891	56690	76
W4861	Viridor, St. Helens	135A	Box on Compressor	16.29	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	11	7	< 10	7	104	1011	1	
W4862	Viridor, St. Helens	145A	Box on Compressor	11.09	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	3	3	< 10	< 10	22	158	0
W4863	Viridor, St. Helens	140B	Side Panel Casing	4.91	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	2	
W4864	Viridor, St. Helens	140C	Capacitor	33.80	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	15	130	0	
W4865	Viridor, St. Helens	60C	White Control Panel	7.58	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	19	182	96
W4867	Viridor, St. Helens	135B	Junction Box	5.63	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	5	1	< 10	3	17	107	13	
W4868	Viridor, St. Helens	145B	Junction Box	6.40	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	99	52	
W4885	Viridor, St. Helens	35A	Mint Green Cable Housing	7.93	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	24	188	94
W4886	Viridor, St. Helens	52A	Black battery housing	19.80	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	0	
W4887	Viridor, St. Helens	111A	White Control Box	10.03	< 10	2	3	3	4	< 10	5	2	5	14	10	13	29	16	2	7	67	158	90	
W4888	Viridor, St. Helens	103B	Cream Junction Box	19.89	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	7	< 10	< 10	< 10	4	17	32	6
W4889	Viridor, St. Helens	85A	Control Panel Casing	12.93	1	< 10	< 10	0	1	1	< 10	< 10	< 10	< 10	< 10	3	< 10	< 10	4	2	3	24	234	79



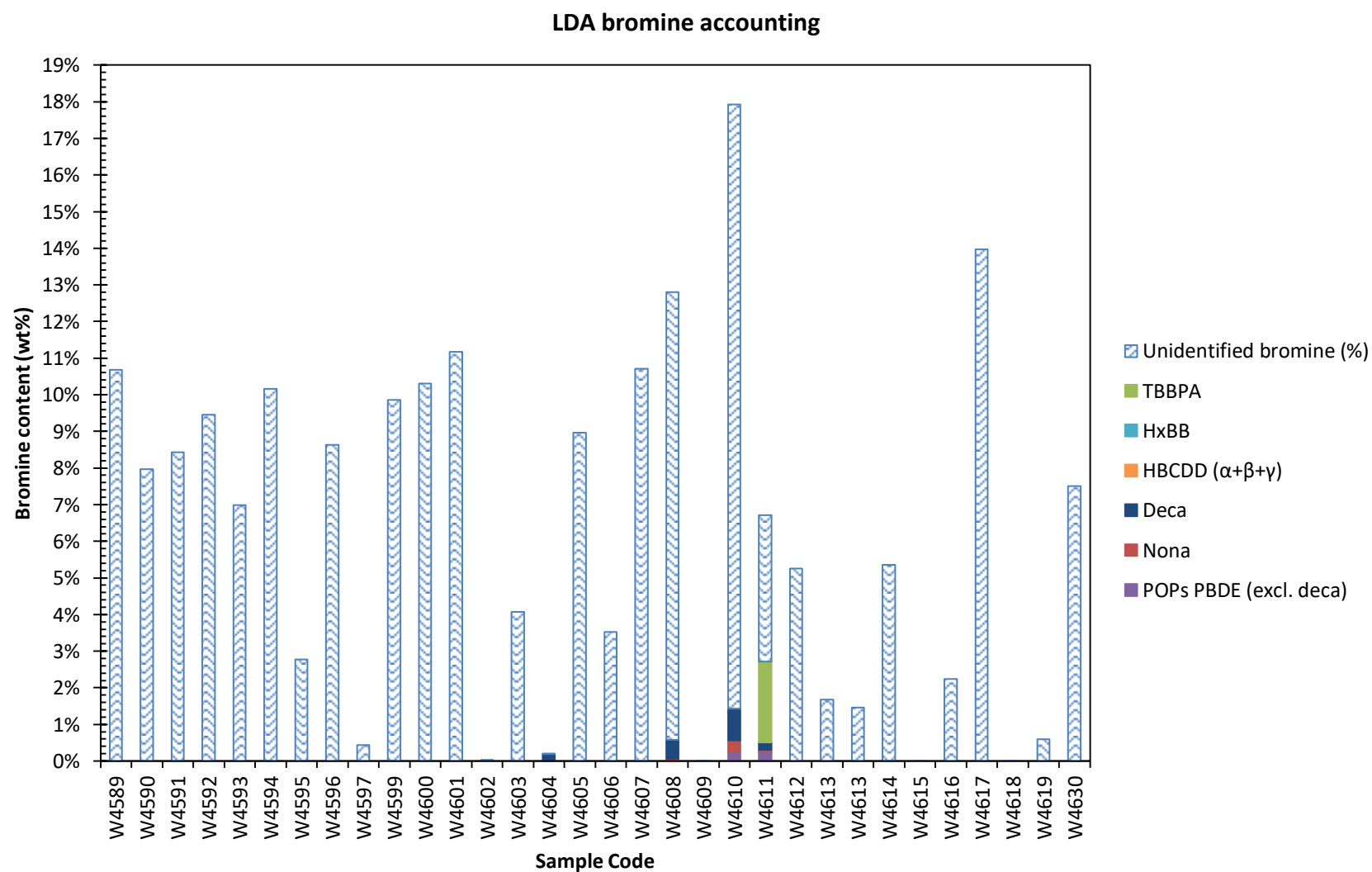
	mg/kg	mg/kg
WRC No	HBCDD ( $\alpha+\beta+\gamma$ )	HxBB
W4484	<10	<10
W4485	<10	<10
W4486	<10	<10
W4487	<10	<10
W4488	<10	<10
W4489	<10	<10
W4490	<10	<10
W4491	<10	<10
W4492	<10	<10
W4509	<10	<10
W4850	<10	<10
W4851	<10	<10
W4852	<10	<10
W4853	<10	<10
W4856	<10	<10
W4857	<10	<10
W4858	<10	<10
W4859	<10	<10
W4860	<10	<10
W4861	<10	13
W4862	<10	<10
W4863	<10	<10
W4864	<10	<10
W4865	<10	<10
W4867	<10	<10
W4868	<10	<10
W4885	<10	<10
W4886	<10	<10
W4887	<10	<10
W4888	<10	<10
W4889	<10	<10



A5 LDA

					PBDE concentration (mg/kg)																			
					BDE 17	BDE 28	BDE 47	BDE 66	BDE 77	BDE 85	BDE 99	BDE 100	BDE 138	BDE 153	BDE 154	BDE 183	BDE 196	BDE 197	BDE 201	BDE 203	BDE 207	BDE 209	%	
WRC No	Site	Sample	Item Type	Component	Bromine conc. (wt.%)	Tri	Tri	Tetra	Tetra	Tetra	Penta	Penta	Penta	Hexa	Hexa	Hexa	Hepta	Octa	Octa	Octa	Octa	Nona	Deca	Extraction Efficiency
W4589	S. Norton, Liverpool	2D	Washing machine	Pump	12.73	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	6	0
W4590	S. Norton, Liverpool	6F6J	Washing machine	Biscuit connectors	13.36,5.37	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	4
W4591	S. Norton, Liverpool	6B	Washing machine	Control switch	7.35	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15
W4592	S. Norton, Liverpool	8I8J8K	Washing machine	Biscuit connectors	10.3,8.78,9.33	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	4
W4593	S. Norton, Liverpool	14B14C	Washing machine	Switch sockets	0.431,11.93	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	< 10	2	1	1	< 10	2	< 10	< 10	25
W4594	S. Norton, Liverpool	4H	Tumble dryer	Control switch	15.25	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	13
W4595	S. Norton, Liverpool	23C	Tumble dryer	Junction box	15.51	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	3	< 10	3	< 10	5	< 10	2	< 10	< 10	6
W4596	S. Norton, Liverpool	31D31E	Tumble dryer	Switches	9.22,3.65	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	6	< 10	< 10	< 10	18	< 10	18
W4597	S. Norton, Liverpool	24E	Tumble dryer	Expanded polystyrene	0.00	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	75
W4599	S. Norton, Liverpool	16A	Dishwasher	Control box	12.80	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	< 10	2	< 10	< 10	2	< 10	< 10	40
W4600	S. Norton, Liverpool	16H16I	Dishwasher	Switch boxes	16.14,11.12	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	18
W4601	S. Norton, Liverpool	30K30L	Dishwasher	Inner fixtures	10.44,13.78	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	3	< 10	< 10	< 10	< 10	< 10	40
W4602	S. Norton, Liverpool	13P	Dishwasher	Door latch	0.70	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	0	7	4	4	< 10	2	2	< 10	74
W4603	S. Norton, Liverpool	16Q	Dishwasher	Junction joint	3.65	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	14	< 10	< 10	< 10	17	< 10	97
W4604	S. Norton, Liverpool	17M	Dish Washer	Switch Cover	1.09	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	29	28	< 10	18	283	2008	98
W4605	S. Norton, Liverpool	18L19F19I	Dishwasher	Biscuit connectors	6.11,9.94,10.71	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	< 10	< 10	4	2	< 10	1	4	< 10	14
W4606	S. Norton, Liverpool	22H	Dishwasher	Connector box	1.44	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	16	35
W4607	S. Norton, Liverpool	1D	Cooker	Cable junction box	14.83	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	15
W4608	S. Norton, Liverpool	12K	Dishwasher	Capacitor	0.36	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	11	115	52	< 10	47	671	6213	49
W4609	S. Norton, Liverpool	13L	Dish Washer	-	0.02	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	0	< 10	0	2	16	8
W4610	S. Norton, Liverpool	10A	Cooker	Control box	28.92	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	5	< 10	< 10	56	1418	508	< 10	1111	3946	10347	42
W4611	S. Norton, Liverpool	2A	Cooker	Control box	7.76	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	262	< 10	1446	583	710	< 10	176	748	2368	85
W4612	S. Norton, Liverpool	3A3C	Cooker	Control boxes	4.29,4.58	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	3	1	4	12	9	< 10	4	< 10	< 10	7
W4613	S. Norton, Liverpool	6A	Cooker	Control box	1.47	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	4	60	< 10	< 10	55	107	< 10	96
W4613	S. Norton, Liverpool	6A	Cooker	Control box	1.47	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	4	40	< 10	< 10	29	47	99	96
W4614	S. Norton, Liverpool	6C	Cooker	Fan	6.19	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	39
W4615	S. Norton, Liverpool	9A	Cooker	Knobs	7.69	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	0	< 10	75
W4616	S. Norton, Liverpool	14B	Cooker	Control box	2.28	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	10	66	97
W4617	S. Norton, Liverpool	12C	Oven	Cable box	21.81	< 10	< 10	5	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	16	29	18	< 10	7	44	< 10	0
W4618	S. Norton, Liverpool	13C	Oven	Control box	ND	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	0	< 10	0	< 10	< 10	83
W4619	S. Norton, Liverpool	22K	Dishwasher	Expanded polystyrene	0.38	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	20	3	< 10	12	3	< 10	80
W4630	S. Norton, Liverpool	26K	Tumble dryer	Switch casing	9.35	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	17	8	10	< 10	< 10	< 10	< 10	27

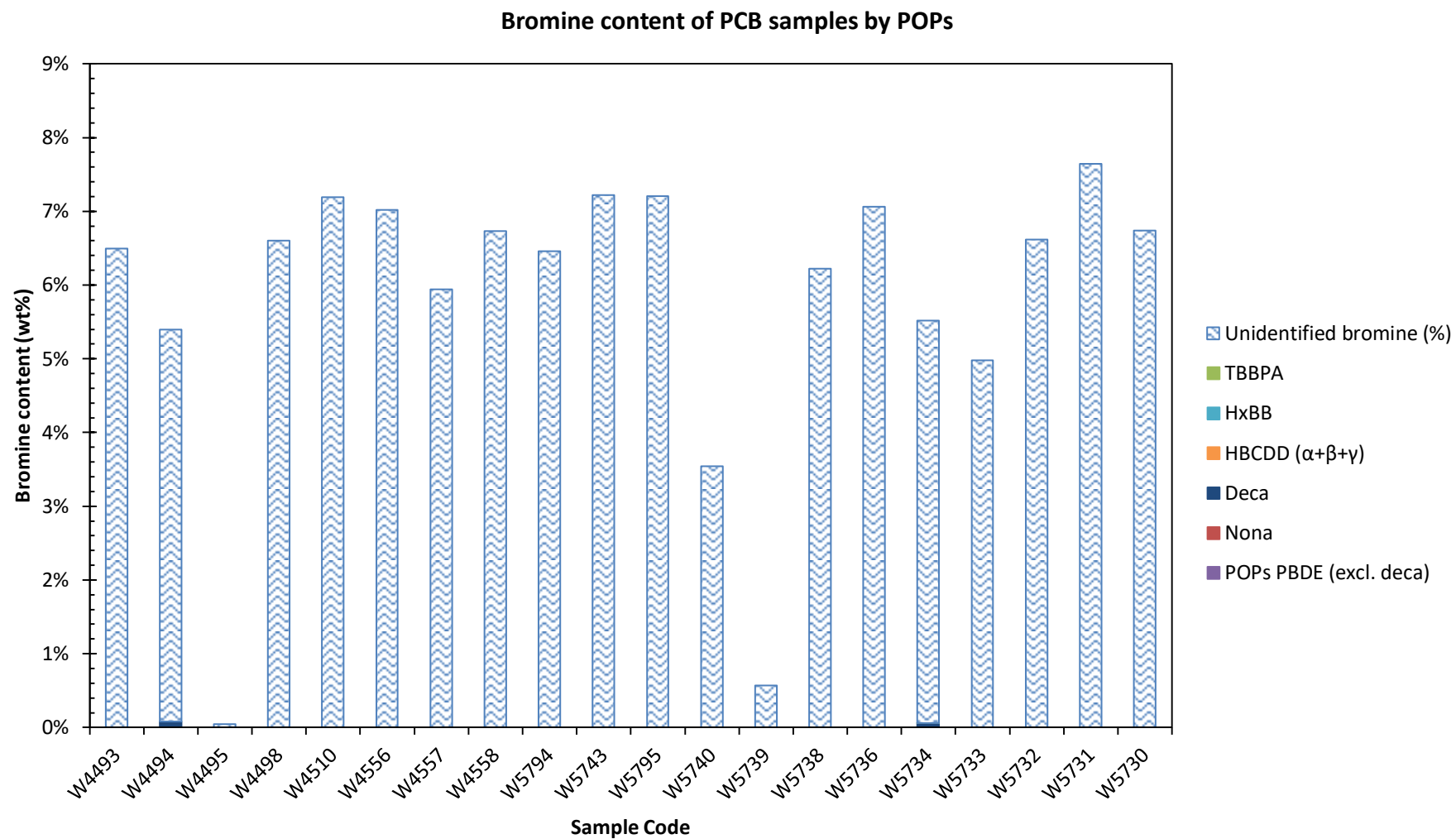
WRC No	mg/kg	mg/kg	mg/kg
	HBCDD ( $\alpha+\beta+\gamma$ )	HxBB	TBBPA
W4589	<10	<10	-
W4590	<10	<10	-
W4591	<10	<10	-
W4592	<10	<10	-
W4593	<10	<10	-
W4594	<10	<10	-
W4595	<10	<10	-
W4596	<10	<10	-
W4597	<10	<10	-
W4599	<10	<10	-
W4600	<10	<10	-
W4601	<10	<10	-
W4602	<10	<10	-
W4603	<10	<10	-
W4604	<10	<10	-
W4605	<10	<10	-
W4606	<10	<10	-
W4607	<10	<10	-
W4608	<10	<10	-
W4609	<10	<10	-
W4610	<10	<10	60.0
W4611	<10	<10	37765
W4612	<10	<10	-
W4613	<10	<10	-
W4613	<10	<10	-
W4614	<10	<10	-
W4615	<10	<10	-
W4616	<10	<10	-
W4617	<10	<10	-
W4618	<10	<10	-
W4619	42	<10	-
W4630	<10	<10	-



A6 PCB

			PBDE concentration (mg/kg)																				
			BDE 17		BDE 28	BDE 47	BDE 66	BDE 77	BDE 85	BDE 99	BDE 100	BDE 138	BDE 153	BDE 154	BDE 183	BDE 196	BDE 197	BDE 201	BDE 203	BDE 207	BDE 209		
WRC No	Site	Sample	Bromine conc. (wt. %)	Tri	Tri	Tetra	Tetra	Tetra	Penta	Penta	Penta	Hexa	Hexa	Hexa	Hepta	Octa	Octa	Octa	Octa	Nona	Deca	Extraction Efficiency	
W4493	Environcom, Grantham	27	10.03	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	11	6	11	< 10	< 10	14	97	2
W4494	Environcom, Grantham	55	5.54	3	< 10	< 10	< 10	< 10	3	4	< 10	13	16	17	22	22	25	1	< 10	48	754	21	
W4495	Environcom, Grantham	66	0.01	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	2	1	12	5	9	0	3	7	37	75	
W4498	Environcom, Grantham	35	4.69	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	4	9	5	< 10	< 10	7	17	2
W4510	Environcom, Grantham	37	9.53	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	13	4	9	< 10	4	8	119	7
W4556	Veolia, Bridgnorth	62	9.00	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	17	2
W4557	Veolia, Bridgnorth	61	1.78	< 10	< 10	1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	2	1	< 10	< 10	6	36	2
W4558	Veolia, Bridgnorth	37	0.23	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	6	11	0
W5794	Veolia, Bridgnorth	6970	4.62, 5.04	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	0	< 10	< 10	4	117	0
W5743	Veolia, Bridgnorth	36	9.48	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	4
W5795	Veolia, Bridgnorth	5049	8.65, 8.26	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	0	< 10	< 10	< 10	< 10	0
W5740	Recycling Lives, Preston	57	2.94	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	0	< 10	23	9
W5739	Recycling Lives, Preston	55	0.32	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	1	27
W5738	Recycling Lives, Preston	3	6.26	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	7
W5736	Environcom, Grantham	46	7.15	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	1	< 10	24	2
W5734	Environcom, Grantham	5	8.07	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	0	0	< 10	< 10	17	642	1
W5733	Environcom, Grantham	2	7.70	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	15	23
W5732	Viridor, St. Helens	53	8.53	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0
W5731	Viridor, St. Helens	45	5.72	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	0	< 10	< 10	< 10	< 10	1
W5730	Viridor, St. Helens	4	6.67	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	0	< 10	< 10	4

WRC No	HBCDD ( $\alpha+\beta+\gamma$ )	HxBB	TBBPA
W4493	<10	<10	-
W4494	<10	<10	-
W4495	<10	<10	-
W4498	<10	<10	-
W4510	<10	<10	-
W4556	<10	<10	-
W4557	<10	<10	-
W4558	<10	<10	-
W5794	<20	<10	-
W5743	<20	<10	0.02
W5795	<20	<10	-
W5740	<20	<10	-
W5739	<20	<10	0.02
W5738	<20	<10	0.03
W5736	<20	<10	-
W5734	<20	<10	0.03
W5733	<20	<10	0.05
W5732	<20	<10	-
W5731	<20	<10	-
W5730	<20	<10	-

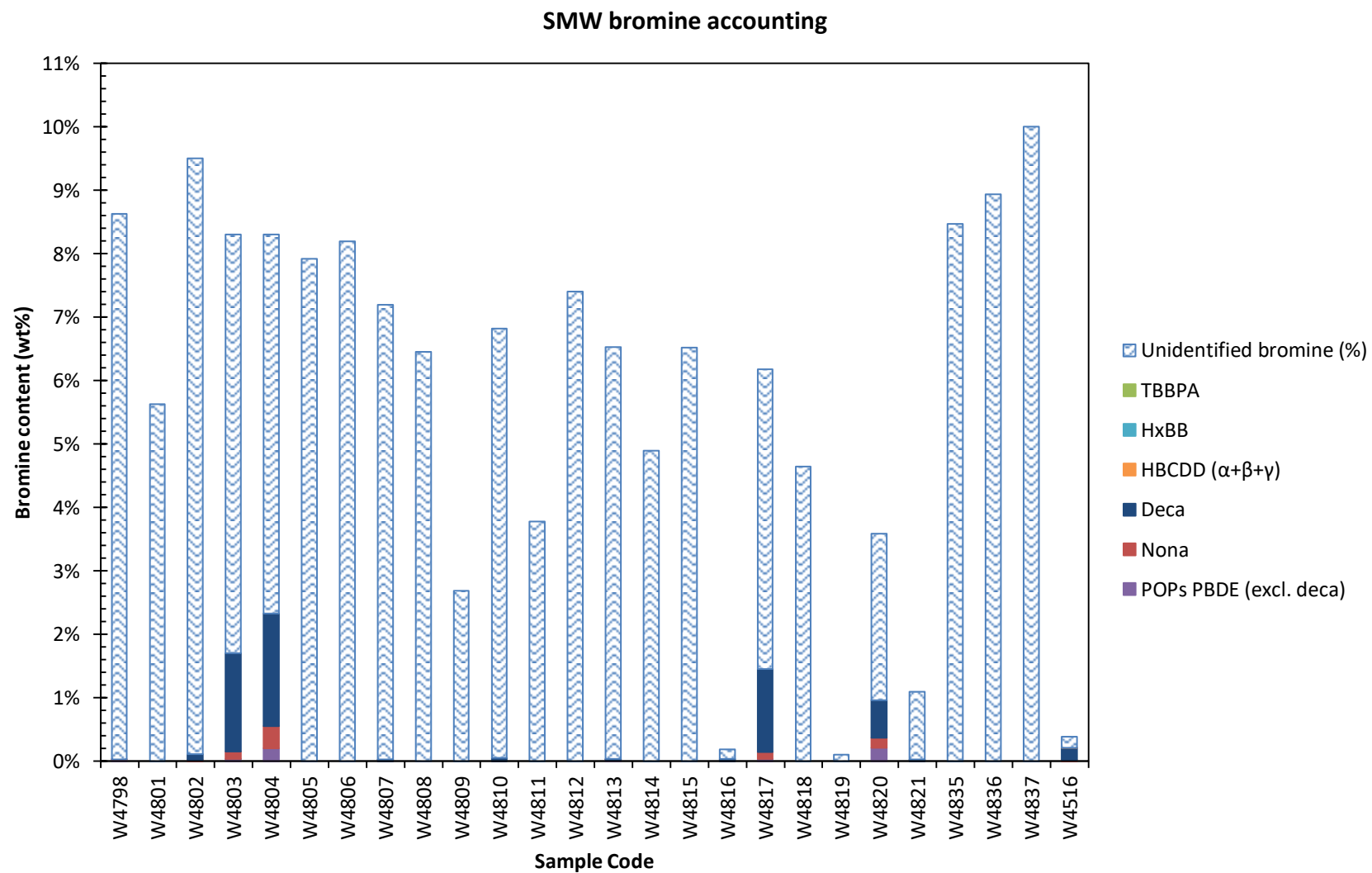




## A7 SMW

				PBDE concentration (mg/kg)																			
					BDE 17	BDE 28	BDE 47	BDE 66	BDE 77	BDE 85	BDE 99	BDE 100	BDE 138	BDE 153	BDE 154	BDE 183	BDE 196	BDE 197	BDE 201	BDE 203	BDE 207	BDE 209	%
WRC No	Sample	Item Type	Component	Bromine conc. (wt.%)	Tri	Tri	Tetra	Tetra	Tetra	Penta	Penta	Penta	Hexa	Hexa	Hexa	Hepta	Octa	Octa	Octa	Octa	Nona	Deca	Extraction Efficiency
W4798	13A	Electric Heater	Tilt Switch	15.24	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	39	< 10	48	146	28	< 10	97	38	< 10	16
W4801	25C	Hot Plate	Connector	12.68	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	1	< 10	< 10	< 10	< 10	< 10	0.04
W4802	116A	Shredder	Back Casing	11.87	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	7	39	12	< 10	28	174	1143	87
W4803	331A	Sewing Machine	Base Casing	10.90	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	9	211	126	< 10	164	1421	18599	55
W4804	406G	Electric Heater	Outer Framework	10.00	< 10	< 10	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	< 10	19	1395	382	< 10	830	4243	21255	23
W4805	432I	Coffee Machine	Heater Casing	9.88	2	< 10	0	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	11	18	7	< 10	28	15	< 10	5
W4806	21C20B	Microwave	Connector, Connector	9.550, 18.420	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	2	< 10	< 10	5
W4807	429C	Hand-held Vacuum	Motor Housing	9.47	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	4	< 10	5	9	77	42	< 10	45	43	169	11
W4808	121C	Laptop	Fan	9.17	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	4	26	8	< 10	19	17	< 10	59
W4809	43C	Kettle	Connector	9.03	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	11	120	0
W4810	417B	Hair Straighteners	Handle Casing	8.82	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	< 10	4	3	< 10	< 10	50	634	4
W4811	381K	Fan	Wire Housing	8.12	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	11	62	70
W4812	282E	Ceiling Lamp	Bulb Housing	7.24	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	2	< 10	< 10	1	< 10	< 10	0
W4813	213G	Strimmer	Inner Switch	6.72	1	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	23	< 10	24	113	39	< 10	54	41	146	16
W4814	396C	Camcorder	Outer Casing	5.93	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	2	9	< 10	< 10	5	14	91	88
W4815	180A	DVD Recorder	Fan	5.89	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	4	< 10	< 10	82
W4816	61C	Blender	Inner Casing	5.83	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	1	0	3	46	13	< 10	32	84	313	83
W4817	136G	PC	DVD Tray	5.74	< 10	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	8	186	126	< 10	141	1377	15678	65
W4818	438G	Hedge Trimmer	Cable Junction	5.44	< 10	< 10	0	< 10	< 10	< 10	1	< 10	< 10	< 10	< 10	0	< 10	1	< 10	1	18	113	5
W4819	467E	UV Nail Dryer	Bulb Connector	5.43	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	2	1	< 10	2	8	51	81
W4820	398K	Toy Car	PCB Housing	3.16	1	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	35	< 10	135	1225	483	< 10	791	2001	7065	68
W4821	459K	Hair Dryer	Handle	1.04	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	4	51	13	< 10	26	70	250	69
W4835	8C	Microwave	Framework	12.19	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1	< 10	5	32
W4836	317B	Kettle	Switch Box	4.44	1	< 10	< 10	< 10	0	< 10	< 10	0	< 10	< 10	< 10	< 10	< 10	< 10	< 10	0	< 10	< 10	40
W4837	46F	Vacuum	Inner Spool	19.81	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	5	< 10	< 10	9
W4516	Blended sample			-	1	< 10	1	0	1	1	1	1	< 10	14	3	82	22	44	< 10	16	102	2325	89

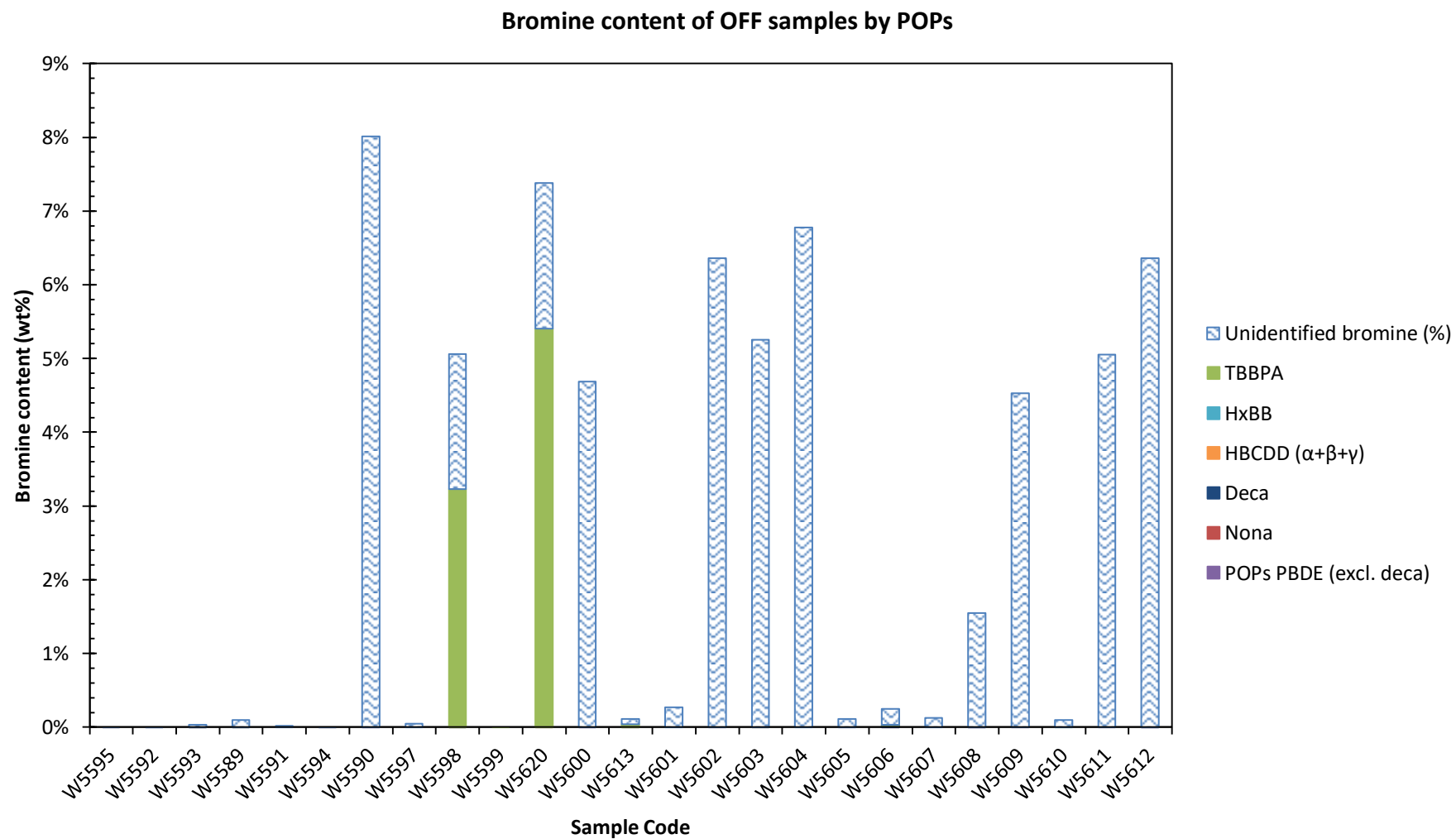
	mg/kg	mg/kg
WRC No	HBCDD ( $\alpha+\beta+\gamma$ )	HxBB
W4798	<10	<10
W4801	<10	<10
W4802	<10	<10
W4803	<10	<10
W4804	<10	<10
W4805	<10	<10
W4806	<10	<10
W4807	<10	<10
W4808	<10	<10
W4809	<10	<10
W4810	<10	<10
W4811	<10	<10
W4812	<10	<10
W4813	<10	<10
W4814	<10	<10
W4815	<10	<10
W4816	<10	<10
W4817	<10	<10
W4818	<10	<10
W4819	<10	<10
W4820	<10	<10
W4821	<10	<10
W4835	<10	<10
W4836	<10	<10
W4837	<10	<10
W4516	2	<10



A8 Office equipment

						PBDE concentration (mg/kg)																	
						BDE 17	BDE 28	BDE 47	BDE 66	BDE 77	BDE 85	BDE 99	BDE 100	BDE 138	BDE 153	BDE 154	BDE 183	BDE 196	BDE 197	BDE 201	BDE 203	BDE 207	BDE 209
WRC No	Site	Sample	Item Type	Component	Bromine conc. (wt.%)	Tri	Tri	Tetra	Tetra	Tetra	Penta	Penta	Penta	Hexa	Hexa	Hexa	Hepta	Octa	Octa	Octa	Octa	Nona	Deca
W5595	E3, Port Talbot	26A	Remote Control	Electrical Casing	0.10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	3
W5592	E3, Port Talbot	32A	Keyboard	External Casing	0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	4	< 1	1
W5593	E3, Port Talbot	36B	Keyboard	External Casing	0.03	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	5	2	< 1	< 1	4	3
W5589	E3, Port Talbot	3A	Docking Station	External Casing	0.007	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	1
W5591	E3, Port Talbot	45A	Docking Station	External Casing	0.003	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
W5594	E3, Port Talbot	48B	Docking Station	Electrical Casing	ND	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	4
W5590	E3, Port Talbot	91A	Toner	Unknown	10.48	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	2	< 1	< 1	< 1	4	< 1
W5597	Sims, Stalybridge	11D	Phone	Back Case	0.18	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
W5598	Sims, Stalybridge	13F	Check-out Screen	Top Screen Frame	7.98	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	2	2	< 1	2	5	7
W5599	Sims, Stalybridge	14B	Phone Switchboard	Screen Casing	0.22	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
W5620	Sims, Stalybridge	15D	CRT Monitor	Screen Casing	11.14	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	1	< 1	< 1	2	< 1
W5600	Sims, Stalybridge	19I	Laptop	Fan Blade	8.22	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	2	< 1
W5613	Sims, Stalybridge	21A	Telephone	Back Casing	0.22	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1	6
W5601	Sims, Stalybridge	29F	Projector	Fan Case	0.29	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
W5602	Sims, Stalybridge	31C	Printer	Roller Mechanism	8.67	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	< 1
W5603	Sims, Stalybridge	32A	Banknote Counter	Inner Frame	4.63	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	6	< 1
W5604	Sims, Stalybridge	37B	Phone	Cable Housing	9.68	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
W5605	Sims, Stalybridge	3A	Mouse	Back Case	0.13	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	4	5	< 1	< 1
W5606	Sims, Stalybridge	43A	Power Adapter	Front Case	0.16	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	8	3	6	< 1	< 1	41	255
W5607	Sims, Stalybridge	45D	Fan	Base	0.12	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
W5608	Sims, Stalybridge	47A	Toner	Front Casing	1.45	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	6	2	< 1	< 1	9	12
W5609	Sims, Stalybridge	49B	Air Filter	Fan Frame	5.51	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	< 1
W5610	Sims, Stalybridge	4I	Phone	Front Case	0.10	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
W5611	Sims, Stalybridge	50N	Printer	Roller Mechanism	5.81	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	< 1
W5612	Sims, Stalybridge	51A	Laptop	Fan	8.56	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	2	< 1	3	5	3	8

	mg/kg
WRC No	TBBPA
W5595	-
W5592	-
W5593	39.0
W5589	85.0
W5591	<5
W5594	-
W5590	-
W5597	-
W5598	55000
W5599	90.0
W5620	92000
W5600	-
W5613	750
W5601	-
W5602	-
W5603	60.0
W5604	-
W5605	-
W5606	200
W5607	<5
W5608	-
W5609	-
W5610	62.0
W5611	<5
W5612	-



## Appendix B XRF data

### B1 Exterior cables

Site Name
Environcom, Grantham

Item	Br (%)	Sb (%)	Colour	Item Source	Comments
CAB1	0.00	0.05	Black	CRT	-
CAB2	0.01	0.66	Black	CRT	-
CAB3	0.00	0.49	Black	CRT	Large diameter cable
CAB4	0.00	0.00	Other	CRT	-
CAB5	0.05	0.37	Black	CRT	Large diameter cable
CAB6	0.00	0.00	Black	CRT	Thin skinny
CAB7	0.04	0.58	Black	CRT	Large diameter cable
CAB8	0.01	0.00	Other	CRT	-
CAB9	0.01	0.34	Black	CRT	Large diameter cable
CAB10	0.00	0.73	Black	CRT	Skinny
CAB11	0.02	0.31	Black	CRT	Skinny
CAB12	0.00	0.27	White	CRT	Thick White
CAB13	0.01	0.63	Other	CRT	Screen cable
CAB14	0.00	0.87	Other	CRT	Screen cable
CAB15	0.04	0.40	Black	CRT	Screen cable
CAB16	0.05	0.32	Black	CRT	Medium screen cable
CAB17	0.00	0.73	Other	CRT	Medium screen cable
CAB18	0.00	0.21	Black	CRT	Small screen cable
CAB19	0.00	0.28	Other	CRT	Small screen cable but scan red plastic inner coated wires
CAB20	0.02	0.36	Black	CRT	Skinny screen cable
CAB21	0.00	0.40	Other	CRT	-
CAB22	0.00	0.10	Black	CRT	-
CAB23	0.00	0.11	Black	CRT	-
CAB24	0.00	0.00	Black	CRT	-
CAB25	0.01	0.00	Black	CRT	-
CAB26	0.01	0.38	Black	CRT	-
CAB27	0.00	0.00	Black	CRT	-
CAB28	0.01	0.20	Black	CRT	-
CAB29	0.01	0.13	Black	CRT	-
CAB30	0.01	0.00	Black	CRT	Toshiba
CAB31	0.01	0.07	Black	CRT	-
CAB32	0.00	0.00	Black	CRT	-
CAB33	0.00	0.26	Black	CRT	-
CAB34	0.01	0.00	Black	CRT	-
CAB35	0.01	0.00	Black	CRT	-
CAB36	0.01	0.00	Black	CRT	-
CAB37	0.00	0.05	Black	CRT	-
CAB38	0.01	0.00	Black	CRT	-

Item	Br (%)	Sb (%)	Colour	Item Source	Comments
CAB39	0.00	0.06	Black	CRT	-
CAB40	0.01	0.11	Black	CRT	-

Site Name
Recycling Lives, Preston

Item	Br (%)	Sb (%)	Colour Cat.	Item Source	Comments
CAB41	0.01	0.55	Black	Exterior	-
CAB42	0.01	0.54	Black	Exterior	-
CAB43	0.01	0.47	Black	Exterior	-
CAB44	0.01	0.00	Black	Exterior	-
CAB45	0.01	0.14	Black	Exterior	-
CAB46	0.00	0.00	Black	Exterior	-
CAB47	0.01	0.45	Black	Exterior	-
CAB48	0.00	0.00	Black	Exterior	-
CAB49	0.00	0.00	Black	Exterior	-
CAB50	0.01	0.94	Black	Exterior	-
CAB51	0.01	0.50	Black	Exterior	-
CAB52	0.01	0.00	Black	Exterior	-
CAB53	0.00	0.25	Black	Exterior	-
CAB54	0.02	0.00	Other	Exterior	-
CAB55	0.01	0.00	Black	Exterior	-
CAB56	0.01	0.15	Black	Exterior	-
CAB57	0.01	0.50	Black	Exterior	-
CAB58	0.00	0.05	Black	Exterior	-
CAB59	0.01	0.00	Black	Exterior	-
CAB60	0.00	0.06	Black	Exterior	-



## Site Name

Viridor, St. Helens

Item	Br (%)	Sb (%)	Colour Cat.	Item Source	Comments
CAB1	0.00	0.00	White	Fridge	-
CAB2	0.00	0.14	Black	Fridge	-
CAB3	0.00	0.00	White	Fridge	-
CAB4	0.00	0.00	White	Fridge	-
CAB5	0.00	0.00	White	Fridge	-
CAB6	0.00	0.00	White	Fridge	-
CAB7	0.01	0.00	White	Fridge	Scans of cable and plug
CAB8	0.00	0.00	White	Fridge	-
CAB9	0.00	0.01	White	Fridge	-
CAB10	0.00	0.00	White	Fridge	-
CAB11	0.00	0.00	White	Fridge	-
CAB12	0.01	0.20	White	Fridge	-
CAB13	0.00	0.00	Other	Fridge	-
CAB14	0.01	0.00	Black	Fridge	-
CAB15	0.00	0.00	White	Fridge	-
CAB16	0.00	0.00	White	Fridge	-
CAB17	0.01	0.00	Black	Fridge	-
CAB18	0.00	0.58	White	Fridge	-
CAB19	0.00	0.00	White	Fridge	-
CAB20	0.01	0.00	White	Fridge	-
CAB21	0.01	0.00	Other	SMW	-
CAB22	0.00	0.07	Other	SMW	Lawn Mower
CAB23	0.00	0.09	Black	SMW	-
CAB24	0.01	0.00	Other	SMW	Lawn Mower
CAB25	0.00	0.51	Black	SMW	-
CAB26	0.00	0.05	Black	SMW	-
CAB27	0.02	0.00	Black	SMW	-
CAB28	0.00	0.00	Black	SMW	-
CAB29	0.01	0.11	Black	SMW	-
CAB30	0.01	0.18	Other	SMW	-
CAB31	0.01	0.00	Other	SMW	-
CAB32	0.00	0.03	Black	SMW	-
CAB33	0.01	0.00	Other	SMW	Slim wire
CAB34	0.00	0.00	Black	SMW	-
CAB35	0.00	0.00	Other	SMW	-
CAB36	0.01	0.00	Other	SMW	-
CAB37	0.02	2.24	Black	SMW	Fat cable
CAB38	0.00	0.00	Other	SMW	-
CAB39	0.01	0.02	White	SMW	-
CAB40	0.01	0.37	Black	SMW	-

## B2 Interior cables

Site Name
Recycling Lives, Preston

Item	Br (%)	Sb (%)	Colour Cat	Item Source	Comments
CAB1	0.00	0.00	Other	Interior	-
CAB2	0.00	0.11	Other	Interior	-
CAB3	0.00	0.16	Black	Interior	-
CAB4	0.00	0.21	Other	Interior	-
CAB5	6.89	2.12	Black	Interior	-
CAB6	0.00	0.00	Other	Interior	-
CAB7	0.00	0.07	Other	Interior	-
CAB8	0.00	0.00	Other	Interior	-
CAB9	0.00	0.33	White	Interior	-
CAB10	0.00	0.00	Other	Interior	-
CAB11	4.85	0.36	White	Interior	-
CAB12	0.00	0.21	White	Interior	-
CAB13	11.9	1.31	White	Interior	-
CAB14	0.00	0.03	Other	Interior	-
CAB15	0.00	0.09	White	Interior	-
CAB17	0.00	0.00	Other	Interior	-
CAB18	0.00	0.18	Other	Interior	-
CAB19	0.00	0.84	Black	Interior	-
CAB20	0.00	0.04	Black	Interior	-
CAB21	0.00	0.00	Other	Interior	-
CAB22	0.00	1.20	Other	Interior	-
CAB23	0.00	0.94	Other	Interior	-
CAB24	0.00	0.00	White	Interior	-
CAB25	0.00	0.00	Black	Interior	-
CAB26	0.00	0.00	Black	Interior	-
CAB27	0.00	0.00	Other	Interior	-
CAB28	0.00	0.00	Other	Interior	-
CAB29	8.25	0.81	White	Interior	-
CAB30	2.23	0.91	Black	Interior	-
CAB31	0.00	0.30	Black	Interior	-
CAB32	2.36	0.78	White	Interior	-
CAB33	5.73	2.07	Black	Interior	-
CAB34	0.00	0.00	Other	Interior	-
CAB35	0.00	1.68	Black	Interior	-
CAB36	0.00	0.38	White	Interior	-
CAB37	9.23	3.00	Black	Interior	-
CAB38	0.00	0.00	Other	Interior	-
CAB39	0.00	0.04	Black	Interior	-
CAB40	0.00	0.06	Other	Interior	-
CAB61	0.00	0.00	Other	Interior	-
CAB62	3.64	0.24	White	Interior	-
CAB63	3.47	1.57	Other	Interior	Values given as average across cable

Item	Br (%)	Sb (%)	Colour Cat	Item Source	Comments
CAB64	0.01	0.05	White	Interior	-
CAB65	0.00	0.00	Black	Interior	-
CAB66	0.00	1.74	Black	Interior	-
CAB67	0.00	0.00	Black	Interior	-
CAB68	6.99	0.78	White	Interior	-
CAB69	0.00	0.41	Black	Interior	-
CAB70	0.00	0.00	Black	Interior	-
CAB71	0.00	0.00	White	Interior	-
CAB72	8.33	1.59	White	Interior	-
CAB73	0.00	0.00	Other	Interior	-
CAB74	0.00	3.48	Other	Interior	-
CAB75	0.00	0.00	Black	Interior	-
CAB76	0.01	0.45	Other	Interior	-
CAB77	3.30	0.15	Other	Interior	-
CAB78	0.00	0.00	Black	Interior	-
CAB79	8.61	0.95	White	Interior	-
CAB80	0.00	0.40	White	Interior	-
CAB81	0.00	3.11	Black	Interior	-
CAB82	0.00	0.00	Black	Interior	-
CAB83	0.01	0.00	Other	Interior	-
CAB84	0.01	0.76	Other	Interior	-
CAB85	9.52	0.98	White	Interior	-
CAB86	0.00	0.00	White	Interior	-
CAB87	0.01	1.82	Other	Interior	-
CAB88	0.00	0.05	Other	Interior	-
CAB89	0.00	2.04	Other	Interior	-
CAB90	0.00	0.33	Other	Interior	-
CAB91	0.00	0.06	Other	Interior	-
CAB92	0.00	0.25	Other	Interior	-
CAB93	6.52	0.56	Other	Interior	-
CAB94	0.00	0.00	White	Interior	-
CAB95	0.00	0.32	Other	Interior	-
CAB96	0.00	0.58	Other	Interior	-
CAB97	0.00	0.08	Other	Interior	-
CAB98	0.00	0.16	Black	Interior	-
CAB99	0.00	0.41	White	Interior	-
CAB100	0.00	0.00	Other	Interior	-

## Site Name

Veolia, Bridgnorth

Item	Br (%)	Sb (%)	Colour Cat	Item Source	Comments
CAB1	0.01	0.47	Other	FPD	From FPD3
CAB2	0.00	0.00	Other	FPD	From FPD5
CAB3	0.00	0.00	Other	FPD	Data cable from FPD7
CAB4	0.02	0.31	Other	FPD	On/off switch cable for FPD7
CAB5	0.00	0.19	Other	FPD	Internal Cables mixed FPD
CAB6	0.00	0.00	Other	FPD	Internal Cables mixed FPD
CAB7	0.02	1.31	Other	FPD	Internal Cables mixed FPD
CAB8	0.00	0.00	Other	FPD	Internal Cables mixed FPD
CAB9	0.00	0.68	Other	FPD	Internal Cables mixed FPD
CAB10	0.00	0.24	Other	FPD	Internal Cables mixed FPD
CAB11	0.00	0.13	Other	FPD	Internal Cables mixed FPD
CAB12	0.00	0.01	Other	FPD	Internal Cables mixed FPD
CAB13	0.00	0.00	Other	FPD	Internal Cables mixed FPD
CAB14	0.00	0.04	Other	FPD	Internal Cables mixed FPD
CAB15	0.00	0.16	Other	FPD	Internal Cables mixed FPD
CAB16	0.00	0.00	Other	FPD	Internal Cables mixed FPD
CAB17	0.01	0.00	Other	FPD	Internal Cables mixed FPD
CAB18	1.24	0.29	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB19	0.00	0.00	Other	FPD	Internal Cables mixed FPD
CAB20	0.00	0.00	Other	FPD	Internal Cables mixed FPD
CAB21	2.23	0.49	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB22	0.01	0.00	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB23	0.43	0.23	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB24	0.00	0.00	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB25	0.01	0.00	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB26	0.00	0.03	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB27	0.82	0.20	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB28	1.00	0.43	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB29	0.00	0.10	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.
CAB30	9.68	2.92	Other	FPD	Internal Cables mixed FPD. Values given as average across cable.

## B3 CRT

## Site Name

Environcom, Grantham

Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture	Origin of Manufacture
CRT1	10.7	2.61	Black	ONN	kp28tk520q	-	-
CRT2	0.00	0.02	Other	Phillips	14pt6107/05n	-	-
CRT3	0.05	0.01	Black	Dell	E773C	-	-
CRT4	0.00	0.07	Other	Sony	KV-32FQ75U	-	-
CRT5	0.00	0.00	Black	Daewoo	GB20H1TS	-	-
CRT6	0.02	0.01	Other	Daewoo	GB14H2NS	-	-
CRT7	7.35	3.28	Black	Fergusson	22B1	-	-
CRT8	1.66	0.28	Other	Wharfedale	Unknown	-	-
CRT9	0.01	0.02	Black	Thorn	6213	-	-
CRT10	0.00	0.00	Black	Alba	Unknown	-	-
CRT11	0.00	0.01	Black	Super Trinitron	Unknown	-	-
CRT12	0.01	0.00	Black	Unknown	Unknown	-	-
CRT13	0.00	0.00	Other	Unknown	Unknown	-	-
CRT14	8.50	2.57	Black	Mitsubishi	CT-21A5STX	-	-
CRT15	0.00	0.00	Other	Goodmans	Unknown	-	-
CRT16	0.00	0.00	Black	LG	Unknown	-	-
CRT17	0.00	0.00	Other	Beko	244263WNS	-	-
CRT18	0.04	0.01	Black	Solarbox	CNL14	-	-
CRT19	0.00	0.00	Black	AOC	TFT22W90PS	August 2011	-
CRT20	0.00	0.00	Other	Alba	Unknown	-	-
CRT21	10.6	3.40	Black	Bush	BTV19SIL	-	-
CRT22	0.00	0.01	Black	Fergusson	Unknown	-	-
CRT23	0.00	0.00	Black	Beko	Unknown	-	-
CRT24	7.59	1.82	Black	Samsung	CW-21Z-423N	-	-
CRT25	0.00	0.00	Other	Bush	1433AK20	-	-
CRT26	0.00	0.00	Black	Toshiba	Unknown	-	-
CRT27	1.18	0.24	Other	Unknown	Unknown	-	-
CRT28	0.00	0.00	Black	Amstrad	CTV3020	-	-
CRT29	0.00	0.00	Black	Sony	KV-28WF2U	-	-
CRT30	0.00	0.00	Black	Watson	FA3619	-	-
CRT31	0.33	0.06	Black	Bush	Unknown	-	-
CRT32	0.00	0.00	Other	Samsung	CW21443N	-	-
CRT33	0.02	0.01	Black	Hitachi	CPT226	-	-
CRT34	0.00	0.00	Black	Matsui	Unknown	-	-
CRT35	2.44	0.63	Black	Matsui	1492	-	-
CRT36	0.00	0.00	Black	Orion	TB1402R	-	-
CRT37	9.10	5.18	Other	Proview	786N	August 2002	-

Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture	Origin of Manufacture
CRT38	0.18	0.04	Black	Alba	TVD3406	-	-
CRT39	0.00	0.01	Other	Phillips	14PT2666/05	2005	-
CRT40	0.00	0.00	Other	Sanyo	Unknown	-	-
CRT41	0.00	0.00	Other	Matsui	NR20T10-B	-	-
CRT42	12.5	3.80	Black	Panasonic	TX-28X1	-	-
CRT43	0.00	0.00	Black	Sony	KVN1411U	-	-
CRT44	0.00	1.59	Black	Sony	KV-M1410U	-	-
CRT45	2.25	0.47	Black	Pacific	P14C	-	-
CRT46	0.00	0.01	Black	Baird	B6023	-	-
CRT47	0.00	0.00	Black	Sony	Made in Spain	-	-
CRT48	0.00	0.00	Black	Sanyo	CE14AT3	-	Made in Spain
CRT49	0.00	0.01	Other	Orion	TV710SLTX	-	Made in EU
CRT50	0.00	0.00	Other	Matsui	NR20T10	-	-
CRT51	11.32	3.10	Other	Samsung	Unknown	-	-
CRT52	0.00	0.00	Other	GEC	Unknown	-	-
CRT53	0.00	0.00	Black	Bush	1473T	-	-
CRT54	0.00	0.00	Black	SCC-D86K-A	KVM1410U	-	-
CRT55	10.2	3.45	Black	Phillips	FV18205	-	-
CRT56	0.01	0.00	Black	Matsui	1407S	-	-
CRT57	0.00	0.00	Black	Beovision	MS6000	1992	-
CRT58	0.15	0.02	Other	Unknown	Unknown	-	-
CRT59	0.00	0.01	Black	Bush	BTV183,..	-	-
CRT60	0.00	1.22	Black	Sony	KV-M1420U	-	-
CRT61	0.00	0.00	Black	JVC	Unknown	-	-
CRT62	0.00	0.00	Other	Sanyo	Unknown	-	-
CRT63	0.00	0.00	Black	Panasonic	TX-21S3t	-	-
CRT64	0.00	0.00	Other	Grundig	P37-830	-	Made Hungary
CRT65	11.1	2.87	Other	Ferguson	FTC1410T	-	-
CRT66	0.00	0.00	Black	Toshiba	Unknown	-	-
CRT67	0.37	0.27	Other	Philips	32PW9527/95	-	Made in France
CRT68	0.97	0.21	Other	Matsui	TV/DVD	-	Made in Turkey
CRT69	0.49	0.05	Other	Durabrand	PTV3607	-	-
CRT70	0.00	0.00	Black	Toshiba	1450RB	-	Made in UK
CRT71	7.77	1.84	Black	Bush	Unknown	-	Made in Turkey
CRT72	0.00	0.00	Other	Unknown	Unknown	-	-
CRT73	0.00	0.01	Other	Panasonic	TX-14GV2	-	Made in Poland
CRT74	9.91	4.35	Black	Dell	E773C	-	Made in China
CRT75	0.00	0.00	Other	Philips	Unknown	-	-
CRT76	0.00	0.00	Black	Toshiba	Unknown	-	-
CRT77	0.08	0.01	Black	Samsung	Unknown	-	-
CRT78	0.00	0.00	Other	Sony	Unknown	-	-
CRT79	0.01	0.00	Other	Philips	Unknown	-	-
CRT80	0.00	0.00	Black	Hitachi	C1415T-311	-	-
CRT81	0.00	0.01	Other	Unknown	Unknown	-	-

Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture	Origin of Manufacture
CRT82	0.00	0.00	Black	Panasonic	Unknown	-	-
CRT83	0.00	0.00	Other	Goodmans	Unknown	-	-
CRT84	0.00	0.00	Black	Hitachi	Unknown	-	-
CRT85	1.00	0.14	Black	Samsung	WS-32Z419D	-	-
CRT86	0.00	0.00	Other	Hitachi	Unknown	-	-
CRT87	0.04	0.00	Black	Sanyo	28DN8-B	-	-
CRT88	8.96	2.17	Other	Proline	TVD1420	-	-
CRT89	0.00	0.00	White	Matsui	TVDVD1410	-	-
CRT90	3.80	0.58	Other	Samsung	TI-15X5	-	-
CRT91	0.00	0.00	Other	Quintrix	Unknown	-	-
CRT92	0.00	0.00	Black	Matsui	Unknown	-	-
CRT93	0.00	0.00	Black	Matsui	1480A	-	-
CRT94	0.00	0.00	Other	Panasonic	TKY0E01	-	-
CRT95	0.00	0.00	Black	Saisho	CT141X	-	-
CRT96	5.67	1.25	Other	Unknown	Unknown	-	-
CRT97	1.49	0.46	Other	Samsung	Unknown	-	-
CRT98	0.18	0.02	Other	Digilogic	D14PDV1	-	-
CRT99	0.00	0.00	Black	Goodmans	TVC147TWS	-	Made in Poland
CRT100	0.00	0.00	Black	Daewoo	GB14C4N	-	Made in Europe
CRT101	9.95	2.63	Black	Daewoo	DMQ1457TXT	-	Made in Korea
CRT102	0.00	0.00	Other	Samsung	T1-14N3	-	-
CRT103	0.08	0.01	Other	Orion	C,1500SLTX(TT)	-	-
CRT104	0.17	0.03	White	Bush	DVD1403TV	-	Made in Turkey
CRT105	0.00	0.00	Black	Schneider	Scenaro 2 18 UK	-	-
CRT106	0.00	0.01	Black	Sony	KV-14FV1U	-	Made in Spain
CRT107	0.00	0.00	Other	Daewoo	Unknown	-	-
CRT108	0.00	3.98	Black	Sony	KV-M1411U	-	Made in UK
CRT109	10.8	3.15	White	Toshiba	VTV1400	-	Made in Thailand
CRT110	0.01	0.01	Other	Toshiba	Unknown	December 2003	-
CRT111	0.00	0.01	Other	Philips	14PT6107/05	-	-
CRT112	11.6	3.18	Other	Toshiba	Unknown	-	-
CRT113	0.00	0.00	White	Bush	2138TSIL	-	-
CRT114	0.00	0.00	Black	Unknown	CM31977-CO4	-	-
CRT115	0.01	0.00	Other	Toshiba	21V13B	-	Made in UK
CRT116	0.00	0.00	Other	Wharfdale	T1404S	-	Made in Turkey
CRT117	0.00	0.00	Other	Goodmans	1475TS	-	Made in Poland
CRT118	0.02	0.00	White	Bush	DVD142TV	-	Made in Turkey
CRT119	0.00	0.00	Other	Bush	Unknown	-	-
CRT120	12.2	3.03	Black	Toshiba	140R4B	-	Made in UK
CRT121	0.00	0.00	Other	Toshiba	Unknown	-	Made in UK
CRT122	0.00	0.03	Black	Sanyo	VMC-7314PA	June 2006	-
CRT123	9.73	2.98	Black	ALBA	CTV3481BLK	-	-
CRT124	9.29	3.52	Black	JVC	C-140EKY	-	Made in UK
CRT125	0.00	0.00	Other	Wharfdale	Unknown	-	-

Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture	Origin of Manufacture
CRT126	0.00	0.01	Black	Matsui	Unknown	November 2006	Made in Thailand
CRT127	0.00	0.00	Black	Sanyo	Unknown	June 2006	-
CRT128	0.00	0.01	Black	Sony	KV-25K5U	-	Made in UK
CRT129	11.9	3.19	Black	Unknown	DT8956	-	-
CRT130	0.01	0.00	Black	Unknown	2152BB	-	-
CRT131	0.00	0.01	Other	Panasonic	TX-28PL1	-	Made in Czech Republic
CRT132	7.93	1.93	Black	Mitsubishi	CT-25A6STX	-	Made in UK
CRT133	0.00	0.00	Other	Panasonic	Unknown	October 2002	-
CRT134	0.00	0.00	Black	Samsung	TVP-3350IT	June 2008	Made in Spain
CRT135	0.00	0.00	White	Philips	14PT1332/05W	-	Made in France
CRT136	0.00	0.00	Black	Sanyo	CE14M2-B	-	Made in UK
CRT137	0.00	0.00	Other	Samsung	Unknown	-	-
CRT138	0.03	0.00	Black	Akura	AVTV014	-	-
CRT139	1.00	0.24	Black	Asda	P14CAS	-	-
CRT140	0.00	0.00	Other	Sanyo	Unknown	-	-
CRT141	0.00	0.00	Black	Unknown	Unknown	-	-
CRT142	0.00	0.00	Black	Samsung	VHSHQ	-	-
CRT143	0.24	0.05	Black	Bush	Unknown	-	-
CRT144	9.98	3.34	Black	Bush	BTV18SIL/VA	-	-
CRT145	0.00	0.00	Other	SEG	CT1402-S	-	-
CRT146	8.47	4.29	White	BT	Simply computers	-	-
CRT147	11.0	3.45	Black	Alba	VIV3400SIL	-	-
CRT148	0.00	0.02	Black	Unknown	Unknown	-	-
CRT149	9.94	5.40	Other	Unknown	1569E	November 1997	Made in Thailand
CRT150	9.22	5.01	Other	Orion	393343	-	Made in Korea
CRT151	0.00	0.00	Other	Bratz	Unknown	-	-
CRT152	0.01	0.00	Other	Toshiba	Unknown	-	-
CRT153	8.17	3.70	Black	Dell	E773P	-	Made in China
CRT154	0.00	0.00	Other	Bratz	36014UK	-	Made in China
CRT155	0.00	0.00	Other	Toshiba	21V13B	-	Made in UK
CRT156	0.00	0.00	Other	Samsung	WS-281064N	-	Made in Europe
CRT157	0.00	0.00	Other	SEG	Unknown	-	-
CRT158	8.99	4.99	White	Unknown	Unknown	-	-
CRT159	9.52	4.20	Other	AOC	7VIR	January 2007	Made in China
CRT160	0.10	0.03	Other	Samsung	TI-14N3	-	Made in Europe
CRT161	8.79	3.91	Black	Dell	Unknown	-	-
CRT162	0.00	0.01	Black	Sanyo	Unknown	-	-
CRT163	0.00	0.00	Other	Samsung	Unknown	-	-
CRT164	8.48	4.10	Other	AOC	Unknown	-	-
CRT165	0.02	0.01	Other	ALBA	Unknown	-	-
CRT166	0.02	0.01	Other	Bush	Unknown	-	-
CRT167	0.00	0.01	Other	Panasonic	TX-28PL1	-	Made in Czech Republic
CRT168	0.00	0.00	Other	Panasonic	Unknown	November 2002	-



Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture	Origin of Manufacture
CRT169	0.00	0.00	Other	Sony	Unknown	-	-
CRT170	0.00	0.01	Black	Sony	KV-28DX40U	-	Made in UK
CRT171	0.00	0.00	Other	Sony	KV-28CS70U	-	Made in UK
CRT172	0.00	0.07	Black	Sony	Unknown	October 2000	-
CRT173	0.00	0.00	Black	Akura	Unknown	-	-
CRT174	0.00	0.00	Other	Sony	Unknown	-	-
CRT175	0.00	0.01	Other	Sony	KD-32DX150U	-	Made in UK
CRT176	0.00	0.00	Other	Philips	Unknown	-	-
CRT177	0.00	0.00	Black	Toshiba	Unknown	-	-
CRT178	0.00	0.00	Other	Sony	Unknown	June 2003	-
CRT179	0.00	0.00	Other	Sony	Unknown	July 2004	-
CRT180	0.00	0.01	Black	Philips	17PT1666/05	-	Made in Europe
CRT181	0.00	0.00	Other	Philips	14PT1556/05	-	Made in Europe
CRT182	0.00	0.00	Other	Philips	Unknown	-	-
CRT183	0.00	0.00	Other	Goodmans	Unknown	-	-
CRT184	0.00	0.00	Other	Panasonic	Unknown	-	-
CRT185	0.00	0.03	Black	Unknown	Unknown	-	Made in UK
CRT186	0.00	0.00	Other	Pacific	PTV7017	-	-
CRT187	0.00	0.00	Other	Panasonic	Quintrix SR ACUITY	-	-
CRT188	0.00	0.00	Other	Goodmans	K28W15FT	December 2006	-
CRT189	0.00	0.03	Other	Panasonic	TX-36PB30	-	-
CRT190	9.93	3.47	Black	Toshiba	36ZP18P	-	-
CRT191	0.00	0.00	Other	LG	RI-28CZ10RX	-	-
CRT192	0.01	0.00	Other	LG	Unknown	-	-
CRT193	11.9	2.88	Other	Hikona	TC-1400	-	-
CRT194	0.10	0.02	Black	Bush	1433	-	Made in Turkey
CRT195	0.00	0.01	Black	Sony	KV-M1410U	-	-
CRT196	11.4	3.77	Other	Pacific	PVTV1452	-	-
CRT197	0.00	0.00	Black	Amstrad	CTV1410	-	Made in Malaysia
CRT198	0.00	0.00	Black	Sony	KT-14T1U	-	Made in UK
CRT199	0.01	0.00	Other	Samsung	TI-14N3	-	-
CRT200	0.08	0.02	Black	Goldstar	C120E20	-	Made in UK
CRT201	0.00	0.00	Black	Amstrad	Unknown	-	-
CRT202	0.01	1.46	Black	Sony	KV-M1410U	-	-
CRT203	0.00	0.00	Black	Toshiba	2939DB	-	Made in UK
CRT204	0.00	0.00	Black	Bush	Unknown	-	-
CRT205	0.03	0.01	Black	Toshiba	Unknown	-	-
CRT206	0.00	0.00	Other	Unknown	Unknown	-	-
CRT207	0.29	0.06	Other	Hitachi	C28WF540N	-	-
CRT208	0.00	0.00	Other	Sony	Unknown	April 2004	-
CRT209	0.00	0.00	Other	Sony	KV-28HX15U	-	-
CRT210	7.45	3.69	Other	HP	P1283A	July 2001	Made in Thailand
CRT211	9.02	3.26	Other	RM	C7BBR	January 2002	Made in Thailand
CRT212	8.97	4.70	Other	Belinea	104010	August 1998	Made in Indonesia

Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture	Origin of Manufacture
CRT213	0.00	0.00	Other	Fujitsu	C700-4	-	Made in Thailand
CRT214	0.00	0.00	Black	Matsu	14T1	-	Made in France
CRT215	11.2	3.56	Black	Bush	Unknown	-	-
CRT216	8.43	2.85	Black	Hitachi	C14-P218	-	Made in UK
CRT217	13.6	4.80	Other	Grundig	CUC40	-	Made in Austria
CRT218	0.00	0.02	Black	Dell	E771P	May 2002	Made in Hungary
CRT219	0.00	0.04	Black	Philips	14PV200/07	-	-
CRT220	0.46	0.09	Black	Hitachi	Unknown	-	-
CRT221	0.00	0.02	Other	Philips	14PT6107/05	-	-
CRT222	0.00	0.02	Black	Sony	Unknown	-	-
CRT223	13.6	3.08	Other	Apple	NO4O1Z	-	Made in Japan
CRT224	9.27	4.86	Other	Belinea	Unknown	-	-
CRT225	0.00	0.00	Black	Goldstar	Unknown	-	-
CRT226	0.00	0.00	Black	Matsui	Unknown	-	-
CRT227	8.86	3.40	Other	Unknown	Unknown	-	-
CRT228	11.2	3.51	Black	Bush	BTV18SIL/VA	-	-
CRT229	0.19	0.04	Black	Alba	TVD3408	2006/2007	-
CRT230	10.7	3.44	Black	Bush	BTV180TSIL/VA	-	-
CRT231	11.0	2.73	Black	Bush	BTV18SIL/VA	-	-
CRT232	0.00	0.00	Other	Digilogic	Unknown	-	-
CRT233	11.3	3.75	Black	Bush	BTV18SIL/VA	-	-
CRT234	0.00	0.00	Other	Grundig	CUC7303	November 2000	Made in Austria
CRT235	0.01	0.00	Other	Samsung	TI-14P9	-	-
CRT236	0.00	0.00	Other	Unknown	Unknown	-	-
CRT237	9.22	3.15	Other	Pacific	PTV3606B	-	-
CRT238	0.00	0.00	Black	Daewoo	GB14C4N	-	Made in Europe
CRT239	10.9	3.15	Other	Toshiba	Unknown	-	-
CRT240	0.07	0.01	Other	Daewoo	D14PTV1	-	-
CRT241	0.02	0.00	Black	Daewoo	Unknown	February 2002	-
CRT242	0.00	0.00	Black	Orion	Unknown	-	-
CRT243	0.44	0.05	Other	Digilogic	P14PTV1	-	-
CRT244	0.00	0.00	Other	Toshiba	14N21B2	-	Made in UK
CRT245	11.3	3.64	Other	Pacific	Unknown	-	-
CRT246	0.00	0.00	Black	Orion	TV400R	-	-
CRT247	0.00	0.00	Other	Unknown	Unknown	-	-
CRT248	0.00	0.00	Other	Digilogic	Unknown	-	-

## Site Name

Recycling Lives, Preston

Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture
CRT1	9.87	2.30	Other	Hikona	TC-1400	-
CRT2	0.00	0.01	Black	Sony	KT-29X5U	-
CRT3	0.00	0.01	Other	LG	99T	-
CRT4	0.00	0.00	Other	Technosonic	DTR110P	-
CRT5	0.00	0.00	Other	Soundwave	C14DVD40DT	-
CRT6	9.82	3.22	Black	Bush	BTV18SIL/VA	-
CRT7	0.00	0.00	Black	Panasonic	TX-21CK1	-
CRT8	9.01	3.57	Other	CTX	Unknown	-
CRT9	9.52	4.22	Other	Proview	EM-151	June 2002
CRT10	0.00	0.01	Black	PYE	M1452/05	-
CRT11	10.1	4.56	Other	Daewoo	CMC-1427S	January 1997
CRT12	0.01	0.00	Other	Toshiba	14N21BS	-
CRT13	11.4	2.61	Other	Hikona	TC-1400	-
CRT14	0.22	0.04	Black	Bush	BTV18SIL	-
CRT15	11.6	2.76	Other	Bratz	309321	November 2005
CRT16	0.00	0.00	Other	JMB	JMBTV455BR	-
CRT17	0.00	0.00	Other	Sony	KV-28HX15U	-
CRT18	0.00	0.00	Other	LG	CE-20J3GX	-
CRT19	10.5	3.72	Other	Pacific	PDVTV14-100	-
CRT20	0.00	0.00	Other	Schneider	STV1406-D	-
CRT21	0.00	0.00	Other	Daewoo	DDT-14H9 S	-
CRT22	0.13	0.03	Black	Ferguson	B14R	-
CRT23	0.01	0.00	Other	Samsung	TI-14N3	-
CRT24	0.00	0.00	Other	Beko	14272TDS	-
CRT25	0.00	0.00	Black	Alba	CTV 3458	-
CRT26	11.2	3.05	Other	Philips	CM11342/55G	September 1991
CRT27	0.00	0.00	Black	Beko	14272R	-
CRT28	2.55	0.56	Black	Matsui	TUR10085	-
CRT29	0.01	0.00	Other	Alba	Unknown	-
CRT30	0.00	0.00	Other	Technosonic	Unknown	-
CRT31	0.00	0.00	Other	IBM	A512002	-
CRT32	1.56	0.25	Black	Samsung	WS-32Z4	-
CRT33	0.00	0.00	Black	Sanyo	5B5956	-
CRT34	0.01	0.00	Other	Acer	1554	September 1997
CRT35	11.4	6.00	Other	Samsung	DW15G10VD	-
CRT36	0.01	0.00	Black	Osaki	P31H	-
CRT37	7.06	6.12	Other	CTX	1451ELR	February 1998
CRT38	0.00	0.00	Other	JMB	JMBC. 1499SL A	-
CRT39	0.00	0.00	Black	Alba	CTV 3409	-
CRT40	10.1	2.93	Other	Pacific	PTV3606B	-

Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture
CRT41	0.00	0.02	Black	Pye	M1432/25	-
CRT42	0.54	0.09	Black	Samsung	12Z409T R	-
CRT43	0.00	0.00	Black	Ferguson	X51F	-
CRT44	5.18	1.64	Black	Toshiba	1721 DVD	-
CRT45	11.4	3.43	Black	Bush	BTV518SIL/VB	-
CRT46	0.00	0.01	Black	Sharp	37AM-23H	-
CRT47	8.42	3.19	Other	Hyama	MS-8515G	February 1998
CRT48	0.00	0.07	Other	Unknown	93TG	June 1998
CRT49	0.00	4.57	Black	Sony	KV-M1420B	-
CRT50	6.98	2.79	Other	Sony	CPD-15F13	September 1995
CRT51	0.02	0.00	Black	Sony	KV-14T1U	-
CRT52	0.00	0.00	Black	Matsui	21O9R	-
CRT53	0.00	0.00	Other	Bush	1473T	-
CRT54	6.76	3.56	Other	Unknown	ND-84AFM-G3C	April 1995
CRT55	8.98	5.27	Other	Proview	786N	April 2002
CRT56	8.63	3.08	Black	Sony	KV-M1420U	-
CRT57	0.00	0.00	Other	Philips	28PW6006-05	-
CRT58	0.00	0.01	Black	Sharp	37AM-23H	-
CRT59	0.00	0.00	Other	Bush	RF2185TXSIL	-
CRT60	0.00	0.02	Black	Thomson	25DG21U	-
CRT61	0.00	0.01	Other	Philips	21PT5409-05	-
CRT62	10.3	3.40	Black	Pacific	PVTV361	-
CRT63	0.00	0.00	Black	Toshiba	2550TB	-
CRT64	0.00	0.00	Other	Toshiba	21S23B2	-
CRT65	11.1	2.44	Black	Panasonic	TC-14S1R/BH	-
CRT66	0.00	0.00	Other	Unknown	T14TK70LS	-
CRT67	0.00	0.00	Black	Unknown	DVT-14F6	-
CRT68	0.14	0.03	Black	Durabrand	P1430D	March 2004
CRT69	0.00	0.01	Other	Hyama	A901HT	-
CRT70	10.0	3.19	Black	Alba	CTV3481BLK/A	-
CRT71	0.00	0.00	Other	Schneider	STV 1401	-
CRT72	0.04	0.01	Black	Akura	AH14DVD	-
CRT73	0.00	0.00	Black	Schneider	STV 1402	-
CRT74	8.85	3.99	Other	AOC	5Elr	-
CRT75	0.27	0.03	Other	Digilogic	D14PTV1	-
CRT76	8.67	4.70	Other	Proview	558	-
CRT77	0.01	0.01	Black	Bush	BTV183DVD C	-
CRT78	0.00	0.00	Black	Fidelity	CTV 3014 F	July 1998
CRT79	0.00	0.01	Black	Matsui	14TVDVR1A	-
CRT80	0.00	0.00	Other	Goodmans	1475TS	-
CRT81	9.59	2.59	Other	Bush	DVD147TV	-
CRT82	0.00	0.00	Other	Bush	WS6674	-
CRT83	0.00	0.00	Other	Sanyo	CE28WN6-B	-
CRT84	0.00	0.00	Other	Sony	KV-24LF35U	-

Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture
CRT85	0.00	0.06	Black	Philips	14PV200/07	-
CRT86	8.69	4.72	Other	AOC	7V1r	December 1998
CRT87	0.00	0.01	Other	Sharp	15JF-26H	-
CRT88	10.6	3.55	Black	Bush	BTV18SIL/VA	-
CRT89	0.00	0.01	Other	Philips	14PV11/07	-
CRT90	0.78	0.16	Other	Matsui	TV/DVD 1410	-
CRT91	0.00	0.00	Black	Grundig	P37-070 GB	-
CRT92	7.99	2.62	Black	Toshiba	1400RB	-
CRT93	0.00	0.00	Other	Daewoo	GB14H3T1	-
CRT94	0.00	0.00	Other	Bush	1478TSIL	-
CRT95	0.00	1.85	Black	Sony	KV-M1410U	-
CRT96	0.00	0.00	Other	JVC	AV32S2EKGR	-
CRT97	0.02	0.01	Black	Philips	21PT165A/05	-
CRT98	0.00	0.01	Other	Time	DP17HJEN207783V	February 1998
CRT99	10.7	3.15	Other	LG	KE-14T2P	-
CRT100	0.00	0.00	Other	Sony	KV-14LT1U	-
CRT101	0.00	0.03	Other	Siemens Nixdorf	MCM 1404	September 1994
CRT102	0.00	0.01	Other	Panasonic	TX-32PS5	-
CRT103	0.00	0.00	Other	Sony	14PT1563/05S	-
CRT104	0.00	0.00	Black	Daewoo	GB14H1N	-
CRT105	0.09	0.02	Black	Sanyo	14CT1	-
CRT106	10.7	3.45	Other	LG	KE-14P2S	-
CRT107	8.47	2.96	Black	Sony	KW-M14U	-
CRT108	0.00	0.00	Other	Grundig	TVD3750	-
CRT109	10.5	2.91	Other	Philips	Unknown	August 1991
CRT110	0.05	0.01	Other	Wharfedale	CTV2122F	-
CRT111	0.00	0.01	Other	Dell	Unknown	-
CRT112	0.01	0.00	Black	Matsui	14O8 T	July 1999
CRT113	8.32	2.22	Other	Unknown	Unknown	-
CRT114	0.00	0.00	Other	Stone Computer	Unknown	-
CRT115	9.88	3.30	Other	Pacific	Unknown	May 2003
CRT116	9.26	5.20	Other	Xiod	29EF19	November 2002
CRT117	0.00	0.00	Black	Matsui	14O8T	September 1999
CRT118	0.00	0.00	Other	Pacific	Unknown	September 2004
CRT119	0.02	0.00	Black	Matsui	TVR180	-
CRT120	0.00	0.00	Other	JVC	Unknown	-
CRT121	0.51	0.10	Black	Matsui	TVR180	May 2000
CRT122	11.8	2.59	Other	Bratz	Unknown	June 2005
CRT123	8.52	3.41	Other	Unknown	Unknown	-
CRT124	0.00	0.00	Black	Dell	Unknown	-
CRT125	0.00	0.00	Other	Watson	Unknown	-
CRT126	7.57	5.01	Other	Xiod	Unknown	October 2002
CRT127	0.03	0.01	Other	Bush	DVD142TV	-
CRT128	0.00	0.00	Black	Alba	Unknown	-

Item	Br (%)	Sb (%)	Colour	Make	Model	Date of Manufacture
CRT129	0.91	0.00	Black	Matsui	1414R	-
CRT130	0.00	0.00	Other	JMB	Unknown	July 2000
CRT131	0.03	0.00	Other	Watson	FA3627 T	-
CRT132	7.87	2.70	Other	Pacific	PTV3606	April 2003
CRT133	8.90	5.14	Other	Xiod	29CL17	October 2002
CRT134	0.00	0.00	Black	Unknown	Unknown	-
CRT135	0.00	0.00	Black	Alba	CTV841/A	August 1987
CRT136	7.97	3.40	Other	Unknown	Unknown	-
CRT137	9.18	5.32	Other	Xiod	Unknown	September 2002
CRT138	0.00	0.00	Other	JVC	AV28T55EKS	-
CRT139	0.00	0.01	Other	Sony	PCS-TL50	July 2007
CRT140	0.00	0.01	Other	Unknown	Unknown	October 2002
CRT141	0.00	0.00	Other	Diginium	11862	-
CRT142	0.00	0.00	Other	Unknown	Unknown	-
CRT143	9.81	3.90	Other	Digital	PCXBV-PC	May 1994
CRT144	4.58	1.76	Black	Unknown	Unknown	-
CRT145	0.04	0.01	Black	Samsung	WS-32Z419D	-
CRT146	0.00	0.00	Black	Bang & Olufsen	Beovision MX 7000	-
CRT147	0.00	0.00	Black	Ferguson	Unknown	-
CRT148	11.0	3.52	Other	Pacific	PDVTV14-100C	September 2004
CRT149	0.00	0.00	Other	Stone Computer	VM7V9DA-E19	-

## Site Name

CSS, Newbury

Item	Br (%)	Sb (%)	Colour Cat.	Make	Model	Comments
CRT1	7.93	4.15	White	Gateway	YE0711/01	Monitor
CRT2	0.00	0.00	White	Packard Bell	A127	Monitor
CRT3	10.3	4.02	White	Packard Bell	A720	Monitor
CRT4	9.88	3.39	White	liyama	LS704U	Monitor
CRT5	9.10	3.17	White	Tiny	773N	Monitor
CRT6	9.53	4.23	White	Tiny	WS771B	Monitor
CRT7	4.01	0.00	White	Compaq	315T	Monitor
CRT8	7.45	2.23	White	IBM	0180-02N	Monitor
CRT9	4.01	0.01	White	HP	D8905	Monitor
CRT10	5.70	4.32	White	Packard Bell	1412SL	Monitor
CRT11	0.01	0.01	White	liyama	LS902UT	Monitor
CRT12	7.31	4.38	White	LR	H450	Monitor
CRT13	8.15	4.80	White	TECO	RE551A	Monitor
CRT14	9.41	5.54	White	Proview Electronics	EM151	Monitor
CRT15	10.9	4.23	White	Phillips	107E21/25Z	Monitor
CRT16	7.73	4.20	White	AOC	5Elr	Monitor
CRT17	9.62	5.18	White	Proview Electronics	786N	Monitor
CRT18	9.87	3.49	White	Phillips	105S21	Monitor
CRT19	0.01	0.01	White	Phillips	105S10	Monitor
CRT20	8.15	4.60	White	Hansol	B17AL	Monitor
CRT21	0.00	0.00	Black	Compaq	S710	Monitor
CRT22	8.48	3.89	Black	Dell	E773p	Monitor
CRT23	0.00	0.02	Black	Sony	KVX2582U-	TV
CRT24	0.00	0.00	Other	Daewoo	DUB-2842GB	TV
CRT25	0.00	0.00	Other	Toshiba	24Z33B21	TV
CRT26	7.37	3.66	Black	Dell	E771a	Monitor
CRT27	0.00	0.01	Other	Aiwa	TV SE2130K	TV
CRT28	0.21	0.03	Other	Hitachi	C28WF560N	TV
CRT29	9.62	3.66	Black	Matsui	1436XA	TV
CRT30	2.01	0.37	Other	Samsung	CZ-21A083N	TV
CRT31	8.85	4.75	Black	Phillips	/107E65	TV
CRT32	0.17	0.02	Other	Bush	DVD1403TV	TV
CRT33	0.01	0.00	Other	Panasonic	TX-15AT1	TV
CRT34	0.01	0.00	Black	Matsui	TVR185	TV
CRT35	0.00	0.00	Other	JVC	AV28WT5EKS	TV
CRT36	8.92	3.33	Black	Hitachi	CPT1493	TV
CRT37	0.00	0.00	Black	Ferguson	M3610U	TV
CRT38	12.5	2.21	Other	Toshiba	215538	TV
CRT39	0.00	0.00	Other	Samsung	WS-28A116D	TV
CRT40	0.00	0.00	Other	Bush	1433	TV

Item	Br (%)	Sb (%)	Colour Cat.	Make	Model	Comments
CRT41	0.00	0.00	Other	Bush	1433SIL	TV
CRT42	0.13	0.03	Black	Matsui	14O8T	TV
CRT43	0.00	0.00	Other	Bush	ITV2110	TV
CRT44	10.0	3.97	White	Dell	VC7EN	TV
CRT45	0.00	0.01	White	Iiyama	A702HT	TV
CRT46	0.00	0.01	White	FC	B19BL	TV
CRT47	0.02	0.01	Other	Thomson	20CB25US	TV
CRT48	11.3	3.25	Other	Ferguson	FTD14802	TV
CRT49	0.00	0.01	Black	Sony	KV-21V6U	TV
CRT50	0.00	0.00	Other	Bush	NR1488TS	
CRT51	10.0	3.97	Black	Alba	CTV744	TV
CRT52	0.00	0.00	Black	Sony	KV-14T1U	TV
CRT53	0.00	0.00	Black	Panasonic	TX-21S3T/Z	TV
CRT54	0.00	0.01	Other	Sharp	56FW-53H	TV
CRT55	0.00	0.00	Black	Hitachi	C1714TE	TV
CRT56	0.00	0.00	Black	Sony	KV-14M1U	TV
CRT57	8.52	5.04	Black	Dell	E772p	
CRT58	12.1	3.82	Black	Bush	BTV19SIL	TV
CRT59	0.01	0.00	Other	Toshiba	21V33B2	TV
CRT60	0.00	0.01	White	Panasonic	TX-1713MAB	Monitor
CRT61	0.00	0.00	White	AOC	9Glr	Monitor
CRT62	0.00	0.01	White	Packard Bell	A727	Monitor
CRT63	0.00	0.02	White	Dell	E771p	Monitor
CRT64	0.00	0.02	White	Dell	D102SHE	Monitor
CRT65	0.00	0.01	White	Dell	TX-78682	Monitor
CRT66	0.00	0.00	Other	Phillips	14PV112/07	TV
CRT67	0.00	0.00	Other	Sony	KV-14LT1U	TV
CRT68	0.00	0.00	Other	Sony	KV-14LM1U	TV
CRT69	0.00	0.00	Black	Panasonic	TX-14S3T	TV
CRT70	0.08	0.02	Black	Matsui	TVR185	TV
CRT71	0.00	0.01	Black	Matsui	14V1R	TV
CRT72	4.28	0.00	Other	Apple	M5521	Monitor
CRT73	12.5	2.41	Black	Panasonic	TX-21S1T/BH	TV
CRT74	9.63	3.49	Black	Toshiba	32ZP18P	TV
CRT75	0.00	0.01	Black	Orion	TV134R	TV
CRT76	0.00	0.01	Black	Matsui	1408R	TV
CRT77	0.00	0.00	Black	Goodmans	TVC 141	TV
CRT78	0.00	0.02	Black	Dell	M991	TV
CRT79	8.18	2.14	Black	Toshiba	21S04BG	TV
CRT80	7.33	2.62	Black	Toshiba	2805DB	TV
CRT81	0.00	0.00	Other	Bush	1478TSIL	TV
CRT82	11.6	3.89	Black	AIWA	VXG143K	TV
CRT83	0.00	0.00	Other	Sony	KV-28LS35U	TV
CRT84	0.00	0.01	Other	Phillips	21PT1664/058	TV



Item	Br (%)	Sb (%)	Colour Cat.	Make	Model	Comments
CRT85	10.7	3.42	Other	Aiwa	VX-T145K	TV
CRT86	0.00	0.00	Other	Bush	1433	TV
CRT87	12.8	4.26	Other	Grundig	CUC 95	TV
CRT88	0.00	0.10	Black	Philips	14PV110/07	TV
CRT89	0.00	0.04	Other	Philips	14PT6107/05	TV
CRT90	0.70	0.17	Other	Sanyo	CBP3024	TV
CRT91	0.00	0.00	Black	Daewoo	GB14F7T1	TV
CRT92	0.00	0.00	Black	Toshiba	21S04BG	TV
CRT93	0.00	0.00	Black	Toshiba	1440RB	TV
CRT94	11.7	3.74	Black	Bush	BTV18SIL/VA	TV
CRT95	2.73	0.41	Black	Samsung	WS-32Z306V	TV
CRT96	0.00	0.00	Black	Bang & Olufsen	1833769	TV
CRT97	12.6	6.53	Other	Macintosh	M5011	TV
CRT98	8.68	4.44	White	CTX	1555E	Monitor
CRT99	10.4	4.04	White	Bridge	CAD-450S	Monitor
CRT100	9.85	5.61	White	Proview Electronics	572M	Monitor

## B4 FPD

Site Name
Recycling Lives, Preston

Item	Br (%)	Sb (%)	Colour.	Make	Model	Date of Manufacture
FPD1	0.00	0.00	Black	JVC	LT-43C888	-
FPD2	0.40	0.06	Black	JVC	LT-40C880	-
FPD3	0.00	0.00	Black	JVC	LT-43C862	-
FPD4	7.27	1.74	Black	JVC	LT-48C570	-
FPD5	11.4	2.81	Black	JVC	LT-40C550	-
FPD6	0.38	0.06	Black	JVC	LT-40C800	-
FPD7	0.03	0.01	Black	JVC	LT-32C360	-
FPD8	0.00	0.00	Black	JVC	LT-32C672(B)	-
FPD9	0.24	0.03	Black	Unknown	Unknown	-
FPD10	0.11	0.00	Black	Unknown	Unknown	-
FPD11	0.52	0.08	Black	JVC	LT-32C675(B)	-
FPD12	0.44	0.05	Black	JVC	LT-40C880	-
FPD13	0.58	0.08	Black	JVC	LT-39C770(B)	-
FPD14	0.21	0.03	Black	Unknown	Unknown	-
FPD15	0.55	0.08	Black	JVC	LT-43C775(A)	-
FPD16	0.22	0.03	Black	JVC	LT-48C780	-
FPD17	0.25	0.03	Black	JVC	LT-39C770(B)	-
FPD18	0.01	0.00	Black	JVC	LT-48C780	-
FPD19	0.57	0.08	Black	JVC	LT-39C770(B)	-
FPD20	0.00	0.00	Black	JVC	LT-39C770(B)	-
FPD21	0.64	0.09	Black	JVC	LT-40C800	-
FPD22	0.00	0.00	Black	JVC	LT-32C762(B)	-
FPD23	0.24	0.04	Black	JVC	LT-49C870(C)	-
FPD24	0.27	0.04	Black	JVC	LT-39C770(B)	-
FPD25	0.00	0.00	Black	Sony	KDL-32EX301	December 2010
FPD26	0.00	0.00	Black	Sony	Unknown	-
FPD27	0.01	0.00	Black	Ferguson	Unknown	-
FPD28	0.00	0.00	Black	Panasonic	TX-50CX680B	June 2015
FPD29	0.27	0.04	Black	Bush	Unknown	-
FPD30	10.8	2.63	Black	Bush	A626	-
FPD31	0.00	0.00	Black	Sony	KDL-26U2000	July 2006
FPD32	0.00	0.00	Other	Technosonic	Unknown	-
FPD33	0.00	0.00	Black	Technosonic	Unknown	-
FPD34	11.0	1.20	Black	Hitachi	32HB6J51U	-
FPD35	0.03	0.01	Black	Sanyo	Unknown	-

Item	Br (%)	Sb (%)	Colour.	Make	Model	Date of Manufacture
FPD36	0.04	0.01	Black	Proscan	PLDED4616-UK	-
FPD37	0.02	0.01	Black	Unknown	Unknown	-
FPD38	4.16	0.93	Black	JVC	LT-32C655(A)	-
FPD39	0.00	0.00	Black	Sanyo	Unknown	-
FPD40	0.25	0.02	Black	Polaroid	P50D300FP	-
FPD41	0.00	0.00	Black	Unknown	Unknown	-
FPD42	0.00	0.00	Black	LG	37LH2000-ZA	-
FPD43	0.00	0.00	Black	Technika	Unknown	-
FPD44	0.00	0.00	Black	Technika	LCD32-209	-
FPD45	0.01	0.00	Other	Bush	Unknown	-
FPD46	0.05	0.01	Black	Bush	IDLCD26TV16HD	-
FPD47	0.00	0.00	Other	Unknown	KDL-32U4000	-
FPD48	0.39	0.06	Black	JVC	LT-32C675	-
FPD49	0.00	0.00	Black	Sony	KDL-42EX410	-
FPD50	0.00	0.00	Black	Sony	KDL-32U4000	-
FPD51	0.00	0.00	Black	Samsung	226BV [R]	-
FPD52	10.4	0.00	Black	Toshiba	32AV615DB	-
FPD53	0.00	0.00	Black	Toshiba	Unknown	June 2007
FPD54	0.00	2.81	Black	Samsung	Unknown	-
FPD55	0.02	2.66	Black	Baird	Unknown	-
FPD56	8.65	1.90	Black	Baird	CN32BARED	-
FPD57	0.00	0.00	Black	Dell	1503FP	-
FPD58	0.00	0.00	Black	Dell	Unknown	June 2001
FPD59	0.29	0.05	Black	Hitachi	32LD30U B	-
FPD60	0.00	0.00	Other	Maxim	Unknown	-
FPD61	0.00	0.00	Black	Samsung	Unknown	-
FPD62	3.39	0.85	Black	Bush	DLED32165HDDVD	-
FPD63	0.00	0.00	Black	Bush	DLED32665HDCNTD	July 2016
FPD64	0.00	0.00	Black	Technika	LCD19-919	-
FPD65	9.29	2.19	Other	Unknown	Unknown	April 2006
FPD66	0.00	0.00	Black	Samsung	UE32H5500AK	November 2014
FPD67	0.00	0.00	Black	Sony	KDL-32CX523	-
FPD68	0.00	0.00	Black	HP	PE1232	May 2005
FPD69	0.00	0.00	Black	Samsung	Unknown	-
FPD70	0.00	0.00	Black	Samsung	LE37B551A6W	-
FPD71	0.00	0.00	Black	Samsung	Unknown	-
FPD72	0.05	0.01	Black	Tesco	24F22B-HD	-
FPD73	0.00	0.00	Black	Philips	32PFL7962D-05	-
FPD74	0.00	0.00	Black	Technika	LCD24-620	-
FPD75	11.5	1.09	Black	Seiki	SE24HD01UK	-
FPD76	0.00	0.00	Black	Technika	Unknown	-

Item	Br (%)	Sb (%)	Colour.	Make	Model	Date of Manufacture
FPD77	9.86	3.86	Other	Samsung	Unknown	-
FPD78	9.59	1.86	Black	Toshiba	26WLT66	-
FPD79	0.00	0.00	Black	Sanyo	Unknown	-
FPD80	0.00	0.00	Black	Samsung	Unknown	-
FPD81	0.00	0.00	Black	Samsung	LE32R88BD	-
FPD82	0.00	0.00	Black	Dell	1708FPt	-
FPD83	0.00	0.00	Black	Videocon	Unknown	-
FPD84	0.00	0.00	Black	Videocon	VU326LD	-
FPD85	0.00	0.00	Black	Toshiba	Unknown	-
FPD86	0.00	0.00	Other	Sanyo	Unknown	June 2005
FPD87	0.00	0.00	Black	Panasonic	Unknown	-
FPD88	0.00	0.00	Black	Sanyo	CE32LD4-B	-
FPD89	0.05	0.01	Black	Seiki	SE32HY01UK	-
FPD90	10.5	2.16	Black	Polaroid	MSDV3233-U3	-
FPD91	0.03	0.01	Black	Bush	40/233FDVD	-
FPD92	0.00	0.00	Black	Samsung	Unknown	December 2006
FPD93	8.28	2.06	Black	Seiki	SE50FD01UK	-
FPD94	0.65	0.00	Black	Samsung	Unknown	-
FPD95	0.00	0.00	Black	Unknown	Unknown	-
FPD96	0.00	0.00	Black	Samsung	LE32R74BD	-
FPD97	0.00	0.00	Black	Videoseven	L19PS	-
FPD98	0.00	0.00	Black	Samsung	LE40B530PZWXXU	-
FPD99	0.00	0.00	Black	Samsung	Unknown	October 2006
FPD100	0.00	0.00	Black	Samsung	LE32B530P7N	-
FPD101	0.00	0.00	Other	Bush	Unknown	-
FPD102	0.52	0.08	Black	JVC	LT-49C870(B)	-
FPD103	0.00	0.00	Black	JVC	LT-39C770(A)	December 2017
FPD104	7.66	1.78	Black	JVC	LT-48C570	-
FPD105	0.00	0.00	Black	JVC	LT-43C770	November 2017
FPD106	0.00	0.00	Black	JVC	LT-43C770(A)	December 2017
FPD107	5.31	1.03	Black	JVC	LT-39C460	-
FPD108	5.83	1.04	Black	JVC	LT-48C570	-
FPD109	0.00	0.00	Black	JVC	LT-39C770	November 2017
FPD110	7.33	1.71	Black	JVC	LT-48C570	-
FPD111	0.00	0.00	Black	JVC	LT-43C870	October 2017
FPD112	0.74	0.14	Black	Logik	L43UE17	-
FPD113	0.00	0.00	Black	Philips	42PFL7662D/05	-
FPD114	0.00	0.00	Black	Philips	42PFL7662D/05	May 2007
FPD115	6.17	1.49	Black	JVC	LT-48C570	-
FPD116	0.00	0.00	Black	JVC	LT-43C770	October 2017
FPD117	0.00	0.00	Black	Unknown	Unknown	-

Item	Br (%)	Sb (%)	Colour.	Make	Model	Date of Manufacture
FPD118	0.00	0.00	Black	Toshiba	65U6763DB	-
FPD119	0.00	0.02	Other	Unknown	Unknown	December 2017
FPD120	0.00	0.02	Other	LG	55SJ810V	-
FPD121	0.00	0.00	Black	Thompson	UE55NU7300K	-
FPD122	0.00	0.02	Black	LG	43UJ634V	January 2018
FPD123	0.00	0.00	Black	Toshiba	50U6863DB	-
FPD124	0.00	0.00	Black	Samsung	QE55Q7FAMT	February 2018
FPD125	0.00	0.00	Black	Panasonic	TX-58EX700B	November 2017
FPD126	0.00	0.00	Black	Toshiba	50U6863DB	-
FPD127	0.08	0.01	Black	JVC	LT-49C770(A)	October 2017
FPD128	0.02	0.00	Black	JVC	LT-49C870(A)	November 2017
FPD129	0.42	0.06	Black	JVC	LT-49C770(A)	September 2017
FPD130	0.85	0.13	Black	JVC	LT-49C770(A)	November 2017
FPD131	0.21	0.04	Black	JVC	LT-48C770(A)	September 2017
FPD132	0.00	0.00	Black	Samsung	UE58MU6120K	March 2018
FPD133	0.00	0.00	Black	LG	55UJ634V	October 2017
FPD134	0.00	0.00	Black	Toshiba	55U6863DB	May 2018
FPD135	0.01	0.00	Black	Panasonic	TX-49ES400B	October 2017
FPD136	0.00	0.00	Black	Samsung	QE65Q7FAMTXXU	May 2017
FPD137	0.01	0.00	Black	JVC	LT-49C860(B)	January 2018
FPD138	0.00	0.00	Other	Beko	NR 17WLB450S	-
FPD139	0.00	0.00	Black	Philips	40PFT4509/12	-
FPD140	0.00	0.00	Black	Acer	C449	July 2007
FPD141	0.00	0.00	Other	Panasonic	TX-32LXD1	November 2004
FPD142	11.3	1.46	Black	Panasonic	TX-39A300B	October 2014
FPD143	10.9	2.77	Black	Bush	LED24970DVDFH D	January 2013
FPD144	4.06	0.78	Black	Hitachi	42HYT42U	October 2014
FPD145	0.00	0.00	Other	Panasonic	TX-32LXD1	July 2004
FPD146	4.40	0.75	Black	Celcus	DLED32167HD	May 2014
FPD147	10.4	2.63	Black	LG	37LD450-ZA	April 2011
FPD148	0.04	0.01	Black	Tesco	LCD 40-270	-
FPD149	7.18	1.47	Black	JVC	LT- 42C550	-
FPD150	0.00	0.02	Other	LG	49SJ810V	October 2017
FPD151	0.12	0.03	Black	Logik	L32HE12	-
FPD152	0.26	0.09	Black	Digimate	568	-
FPD153	0.00	0.01	Black	Panasonic	TX-42A400B	-
FPD154	0.03	0.00	Black	Alba	LCDW16HDF	-
FPD155	0.00	0.00	Black	HP	P4825	October 2002
FPD156	0.17	0.04	Black	Technika	LCD 15ID-107	-
FPD157	11.4	1.63	Black	Hitachi	32HB6J61U	October 2016
FPD158	0.00	0.00	Black	Samsung	UE32H4000AW	November 2014

Item	Br (%)	Sb (%)	Colour.	Make	Model	Date of Manufacture
FPD159	9.69	2.31	Black	Wharfedale	L15T11W-C	-
FPD160	9.15	2.48	Black	Seiki	SE32HD01UK	-
FPD161	0.01	0.00	Black	Tesco	X21.6/54E-GB-TCDU-UK	-
FPD162	0.00	0.00	Black	JVC	LT-40C860	-
FPD163	0.00	0.02	Black	Unknown	TX-26LXD52	September 2005
FPD164	0.00	0.00	Black	Digihome	22180FHDLED	May 2014
FPD165	0.00	0.00	White	Samsung	UE22ES5410	June 2012
FPD166	9.99	2.77	Black	Sharp	LC-22DV200E	March 2010
FPD167	0.00	0.00	Other	Bush	LCD15TV012	-
FPD168	9.32	2.09	Black	JVC	LT-19DK3BJ	April 2010
FPD169	10.3	2.98	Black	JVC	LT-24DD52J	March 2014
FPD170	0.00	0.00	Other	Acoustic Solution	LCD26805HD	-
FPD171	0.00	0.00	Black	Samsung	LE32A456C2D	December 2008
FPD172	11.0	2.37	Black	Tesco	LCD 22-229	-
FPD173	0.00	0.00	Black	JVC	LT-32C675	November 2017
FPD174	0.16	0.00	Black	Samsung	LE40A656A1F	July 2008
FPD175	0.00	0.05	Black	AMW	M158G	-
FPD176	0.00	0.01	Other	LG	32LG6000-ZA	-
FPD177	0.67	0.10	Black	JVC	LT-32C672	-
FPD178	0.77	0.11	Black	JVC	LT-32C670(B)	May 2018
FPD179	0.33	0.05	Black	JVC	LT-32C780(A)	-
FPD180	0.01	0.00	Black	Sony	KD-43X8305C	January 2017
FPD181	0.06	0.01	Other	Acoustic Solution	LCD42805HDF	-
FPD182	0.00	0.00	Black	Samsung	UE48J63000AK	January 2017
FPD183	0.00	0.00	Black	JVC	LT-49C870(B)	-
FPD184	0.11	0.01	Black	Luxor	LUX0148006/01	December 2017
FPD185	0.00	0.00	Black	JVC	LT-43C888	April 2018
FPD186	0.05	0.01	Black	Samsung	LE40D503F7W	November 2011
FPD187	0.31	0.03	Black	Luxor	LUX015007/01	-
FPD188	11.6	2.11	Black	Hitachi	50HYT62U K	March 2018
FPD189	0.00	0.00	Black	LG	42LN5400-ZA	-
FPD190	0.00	0.00	Black	Samsung	LE37R88BD	-
FPD191	0.43	0.07	Black	JVC	LT-43C775	September 2017
FPD192	0.35	0.05	Black	JVC	LT-48C780	May 2018
FPD193	0.63	0.09	Black	JVC	LT-43C770	November 2017
FPD194	11.8	3.69	Black	JVC	LT-32C461	-
FPD195	0.01	0.00	Black	JVC	LT-32C780(A)	May 2018
FPD196	0.00	0.00	Black	Acoustic Solution	LCD32761HDF	-
FPD197	0.00	0.01	Black	LG	W1946S	-
FPD198	9.21	2.04	White	Toshiba	22DL704B	-
FPD199	6.72	1.42	Black	JVC	LT-48C570	-

Item	Br (%)	Sb (%)	Colour.	Make	Model	Date of Manufacture
FPD200	0.15	0.03	Black	Hanns-G	HSG1145	-
FPD201	0.00	0.00	Black	Sony	KDL-48WD653	-
FPD202	3.54	0.53	Black	Celcus	DLED32167HD	November 2013
FPD203	0.18	0.01	Black	Unknown	Unknown	-
FPD204	0.00	0.00	Black	Unknown	Unknown	-
FPD205	0.27	0.05	Black	Unknown	Unknown	August 2017
FPD206	0.01	0.02	Black	AG	F-419	March 2005
FPD207	0.34	0.05	Black	Unknown	Unknown	September 2017
FPD208	0.00	0.00	Black	JVC	LT-43C770	-
FPD209	0.25	0.04	Black	Logik	L49UE17(A)	-
FPD210	0.26	0.04	Black	Unknown	Unknown	-
FPD211	11.5	3.59	Black	JVC	LT-48C570	-
FPD212	0.02	0.00	Black	JVC	LT-48C770	October 2017
FPD213	0.35	0.05	Black	JVC	LT-49C770(A)	-
FPD214	12.0	1.45	Black	LG	32LD320-ZA	December 2010
FPD215	0.00	0.00	Black	LG	42LH3000	-
FPD216	0.00	0.00	Black	Sony	KDL-40V3000	-
FPD217	7.18	3.19	Black	Matsui	LM37HD1	September 2005
FPD218	0.02	0.00	Black	JVC	LT-43C870	December 2017
FPD219	0.27	0.05	Black	Unknown	Unknown	-
FPD220	0.00	0.00	Black	Logik	L49UE17(A)	January 2017
FPD221	0.00	0.00	Black	JVC	LT-49C870(B)	-
FPD222	5.58	1.49	Black	Bush	Unknown	August 2011
FPD223	0.00	0.00	Black	Alba	LCD19ADVD	-
FPD224	0.53	0.14	Black	Baird	TI2402DVDBC	-
FPD225	0.24	0.03	Black	JVC	LT-32C875	July 2017
FPD226	0.00	0.00	Black	LG	47LN578V	August 2013
FPD227	8.93	2.86	Black	Toshiba	37WLT66	April 2006
FPD228	0.00	0.02	Other	LG	RZ-20LA 70	September 2004
FPD229	3.11	0.89	Black	JMB	JTC0132004B/01	September 2013
FPD230	0.30	0.06	Black	Hitachi	L32H01U A	-
FPD231	0.00	0.00	Black	Samsung	UE40F6320AK	May 2013
FPD232	7.59	2.69	Black	JVC	Unknown	-
FPD233	0.01	0.00	Black	Symphonic	LCD-B15B6	-
FPD234	10.7	2.51	Black	Tesco	X185/54G-GB-TCDU-UK	August 2010
FPD235	0.11	0.01	Black	Sanyo	CE32LC81-B	-
FPD236	0.00	0.00	Black	Sony	KDL-40W4000	July 2008

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Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD1	5.99	1.51	Black	Kenmark	19LVD02D	LED Monitors - Small	-	-
FPD2	0.00	0.00	Black	Samsung	LE23R88BD	LED Monitors	-	-
FPD3	0.01	0.00	Black	Goodmans	LD2412F	LED Monitors	-	-
FPD4	0.00	0.00	Black	Sharp	LL-T15G4-B	LED Monitors	2014	-
FPD5	0.01	0.00	Black	Ingram Micro	LTV17	LED Monitors	-	Made in Denmark
FPD6	0.00	0.00	Black	Assembled for Tesco	M19/36B/GB/TCDI	LED Monitors	-	-
FPD7	0.02	0.00	Black	Logik	X185-69E	LED Monitors	-	Assembled in Slovakia
FPD8	9.82	2.50	Black	Kenmark	LVD1587D	LED Monitors	2009	-
FPD9	0.03	0.00	Black	Samsung	LE19R86BD	LED Monitors	-	Made in Hungary
FPD10	0.00	0.00	White	Logik	E19/13B	LED Monitors	-	Assembled in Slovakia
FPD11	0.09	0.04	Other	ALBA	LCDW16DVDHDP	LED Monitors	-	-
FPD12	0.00	0.00	Other	Beko	Unknown	LED Monitors	-	-
FPD13	0.07	0.01	Black	Sony	SDM/HS95D	LED Monitors	2006	-
FPD14	0.01	0.00	Black	ACER	P195HQ	LED Monitors	November 2009	-
FPD15	0.02	0.01	Black	HP	GE253AA	LED Monitors	April 2008	-
FPD16	0.00	0.00	Black	ACER	Unknown	LED Monitors	August 2006	-
FPD17	0.06	0.01	Black	Technika	LCD19ID/107/207	LED Monitors	2007	-
FPD18	0.17	0.02	Black	Goodmans	LD1512	LED Monitors	-	-
FPD19	0.01	0.00	Black	Hanns-G	HW191D	LED Monitors	-	-
FPD20	0.03	0.01	Black	Tevion	43858	LED Monitors	2010	-
FPD21	0.00	0.00	Black	Dell	E173FPI	LED Monitors	May 2005	-
FPD22	0.00	0.00	Other	Fujitsu Siemens	C17/2	LED Monitors	-	Made in Hungary
FPD23	10.5	2.51	Black	Assembled for Tesco	X21.6/54G	LED Monitors	-	-
FPD24	0.03	0.03	Black	Luxor	V16LCDDVDHD	LED Monitors	September 2010	-



Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD25	0.04	0.01	Black	Proline	LDD1985WD	LED Monitors	November 2011	Manufactured in UK
FPD26	0.00	0.00	Black	XEN	XLED15/5	LED Monitors	-	-
FPD27	0.00	0.00	Black	HP	GX008A	LED Monitors	August 2008	-
FPD28	5.10	0.71	Black	Samsung	T28E310EX	LED Monitors	-	Made in Romania
FPD29	3.19	0.85	Black	Technika	LCD17DBDID/208	LED Monitors	-	Made in China
FPD30	0.00	0.02	Black	Dell	E176FPf	LED Monitors	November 2005	-
FPD31	0.00	0.00	Black	Dell	E176FPc	LED Monitors	January 2006	-
FPD32	0.18	0.03	Black	Bush	LCD14DVD/A	LED Monitors	-	-
FPD33	0.18	0.02	Black	Unknown	LCD Digital	LED Monitors	-	-
FPD34	0.00	0.00	Black	LG	19LD350	LED Monitors	May 2010	-
FPD35	0.00	0.01	Black	Dell	E`173FPf	LED Monitors	2004	Made in China
FPD36	0.13	0.02	Black	FUJITSU	E19/5	LED Monitors	-	-
FPD37	0.00	0.00	Black	DUAL	DLCD1905	LED Monitors	-	-
FPD38	0.00	0.02	Black	Dell	E156Fp	LED Monitors	September 2005	-
FPD39	0.39	0.08	Black	Logik	L24FE13	LED Monitors	-	Made in China
FPD40	0.00	0.00	Black	Sony	KDL20S3020	LED Monitors	August 2008	-
FPD41	0.15	0.04	Black	Dell	E173FPc	LED Monitors	July 2005	Made in China
FPD42	0.00	0.00	Black	ViewSonic	VG2230cwm	LED Monitors	August 2008	Made in China
FPD43	3.16	0.61	Black	Ventura	LCD19DVD/106	LED Monitors	-	Made in China
FPD44	0.00	0.00	Black	IYYAMA	Prolight XU2590HS/B1	LED Monitors	-	Made in China
FPD45	0.06	0.01	Black	Polaroid	LE/19GBRDVD	LED Monitors	-	Made in China
FPD46	0.00	0.00	Black	Samsung	LS17DOASS/EDC	LED Monitors	December 2006	Made in Slovakia
FPD47	0.19	0.01	Black	Dell	E178WFPc	LED Monitors	-	Made in China
FPD48	0.00	0.00	Black	Dell	E171FPd	LED Monitors	August 2003	Made in China
FPD49	0.00	0.00	Black	Acer	X193HQB	LED Monitors	October 2009	Made in China
FPD50	0.00	0.00	Black	Onn	A019ZID	LED Monitors	-	-
FPD51	0.00	0.00	Black	Samsung	LE19R71B	LED Monitors	-	Made in Hungary
FPD52	0.00	0.00	Black	AOC	Unknown	LED Monitors	-	-

Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD53	0.06	0.02	Black	Polaroid	LE-19GBR-B+DVD	LED Monitors	-	Made in China
FPD54	0.20	0.04	Black	CTX	mr17/F1a	LED Monitors	October 2005	Made in China
FPD55	0.00	0.02	Black	Dell	E151FPp	LED Monitors	May 2003	Made in China
FPD56	0.31	0.10	Black	Iiyama	Prolight E431S	LED Monitors	-	Made in China
FPD57	0.00	0.00	Black	NEC	EA223WM	LED Monitors	-	-
FPD58	0.01	0.00	Black	Logik	X22/14C	LED Monitors	-	-
FPD59	0.09	0.02	Black	Logik	L24FED12A	LED Monitors	-	Made in China
FPD60	0.00	0.00	Black	LG	E2260VT	LED Monitors	November 2010	Made in China
FPD61	7.97	1.53	Black	Toshiba	19DL502B2	LED Monitors	-	Made in Turkey
FPD62	0.00	0.00	Black	Samsung	LS19PMASF/EDC	LED Monitors	November 2007	Made in Slovakia
FPD63	0.00	0.00	Black	Dell	1901FP	LED Monitors	-	Made in China
FPD64	0.00	0.00	Black	Acer	P195HQ	LED Monitors	December 2009	Made in China
FPD65	0.31	0.02	Black	Phillips	170W4	LED Monitors	October 2003	Made in China
FPD66	0.00	0.00	Black	Samsung	LS22CBWMBVUEN	LED Monitors	August 2010	Made in China
FPD67	0.01	0.02	Black	LG	W2243S-PFT	LED Monitors	June 2009	Made in China
FPD68	3.53	0.93	Black	Bush	LED24970FHD	LED Monitors	-	-
FPD69	0.00	0.00	Black	Samsung	LS22CMKKFV/EN	LED Monitors	October 2008	Made in Romania
FPD70	0.00	0.01	Other	LG	R2-2DLA70	LED Monitors	September 2005	-
FPD71	0.00	0.00	Other	Unknown	L/171	LED Monitors	-	Made in China
FPD72	0.02	0.01	Black	Acer	AL1716s	LED Monitors	September 2005	Made in China
FPD73	0.04	0.01	Black	HP	Unknown	LED Monitors	January 2014	-
FPD74	0.02	0.00	Black	Made for Tesco	X19/14B	LED Monitors	-	-
FPD75	0.27	0.07	Black	Logik	L26HED12	LED Monitors	-	Made in China
FPD76	0.01	0.00	Black	Logik	MP503	LED Monitors	August 2001	Made in Korea
FPD77	4.57	0.55	Black	Bush	LED19134HDDVD	LED Monitors	-	-
FPD78	0.00	0.00	Black	LG	W1943SBP/PF	LED Monitors	August 2009	Made in China
FPD79	0.02	0.00	Black	Acer	S23OHL	LED Monitors	June 2011	Made in China
FPD80	0.00	0.00	Black	ViewSonic	VX1940w	LED Monitors	-	Made in China

Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD81	0.00	0.00	Black	ViewSonic	VE902m	LED Monitors	-	Made in Taiwan.
FPD82	0.02	0.03	Black	HP	CNK624ORYZ	LED Monitors	June 2016	Made in China
FPD83	0.02	0.01	Black	Dell	FL171FPb	LED Monitors	June 2003	Made in China
FPD84	0.00	0.00	Black	PGE	LM1704B	LED Monitors	2006	Made in China
FPD85	0.05	0.01	Black	Logik	L24DVDB19(A)	LED Monitors	-	Made in China
FPD86	0.00	0.00	Black	Bush	LCD27TV005/A	LCD Monitors	-	-
FPD87	0.35	0.04	Black	UMC	3258G	LCD3207	-	Made in Slovakia
FPD88	10.9	3.25	Black	Tevion	Unknown		November 2006	Assembled in Denmark
FPD89	0.00	0.00	Black	Samsung	LE40M86BD®	LCD Monitors	-	Made in Slovakia
FPD90	0.00	0.00	Black	Technika	LCD32-209X	LCD Monitors	-	-
FPD91	10.3	3.12	Black	Toshiba	32C3035D	LCD Monitors	-	Assembled in UK
FPD92	9.21	2.81	Black	Toshiba	32XV555D	LCD Monitors	-	Assembled in UK
FPD93	0.00	0.00	Black	Sanyo	CE32LC4/B	LCD Monitors	-	Assembled in UK
FPD94	0.54	0.09	Black	Sanyo	CE32LD81/B	LCD Monitors	-	Assembled in Turkey
FPD95	0.00	0.00	Black	Logik	L40DIGB20	LCD Monitors	-	Made in China
FPD96	0.18	0.03	Black	Acoustic Solutions	LCD32761HDF	LCD Monitors	-	Assembled in UK
FPD97	8.95	1.83	Black	Toshiba	37AV505D	LCD Monitors	-	Assembled in UK
FPD98	9.70	1.84	Black	Toshiba	32BV700B	LCD Monitors	-	-
FPD99	0.01	0.01	Other	Bush	IDLCD32TV22HD	LCD Monitors	-	Made in Turkey
FPD100	2.00	0.38	Black	UMC	X32/28C	LCD Monitors	-	Made in Slovakia
FPD101	0.00	0.00	Black	Samsung	LE32R74BDR	LCD TV	-	Made in Hungary
FPD102	0.00	0.00	Black	Samsung	LE40R73BDS	LCD TV	-	Made in Slovakia
FPD103	10.1	1.84	Black	Toshiba	40BV700B	LCD TV	-	-
FPD104	12.0	2.75	Black	Technika	X32/56G	LCD TV	-	Assembled for Tesco
FPD105	0.00	0.00	Other	Samsung	LE40R51B	LCD TV	-	Made in Europe
FPD106	3.41	1.10	Black	Bush	LCD40883F1080P	LCD TV	-	-
FPD107	0.00	0.00	Other	Wharfedale	LCD32HDMI	LCD TV	-	-
FPD108	9.19	1.83	Black	Hitachi	L42VC04UB	LCD TV	-	-

Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD109	0.00	0.00	Black	Sony	KDL/40HX703	LCD TV	February 2010	Assembled in Slovakia
FPD110	9.76	3.22	Black	Toshiba	37C3030D	LCD TV	-	Made in UK
FPD111	0.00	0.00	Black	Sony	KDL/32S2530	LCD TV	March 2007	Made in Slovakia
FPD112	0.21	0.03	Black	Alba	LCD26880HDF	LCD TV	-	-
FPD113	10.2	1.84	Black	Toshiba	32BV500B	LCD TV	-	-
FPD114	0.03	0.03	Black	Marks and Spencer	MS3251DVB	LCD TV	October 2009	-
FPD115	0.02	0.00	Black	Sony	KDL-32V4000	LCD TV	November 2008	Assembled in Slovakia
FPD116	0.00	0.00	Black	Sony	KDL-32D3000	LCD TV	January 2008	Made in Spain
FPD117	0.15	0.05	Black	Samsung	LE32A558P3F	LCD TV	-	Made in Hungary
FPD118	11.0	3.65	Black	Logik	LCXW37HD1	LCD TV	-	Made in Belgium
FPD119	0.01	0.01	Black	Panache	P26LJ520HD	LCD TV	-	-
FPD120	9.31	3.09	Black	Toshiba	32WLT66s	LCD TV	-	Made in UK
FPD121	0.71	0.10	Black	Sanyo	CE32LC81-B	LCD TV	-	Made in Turkey
FPD122	0.00	0.00	Black	Samsung	LE32A457C1D	LCD TV	-	Made in Hungary
FPD123	0.04	0.01	Black	FOEHN HIRSCH	Unknown	LCD TV	-	Made in Germany
FPD124	0.08	0.01	Black	Sanyo	CE32LD33-B	LCD TV	-	Made in Turkey
FPD125	0.00	0.00	Black	Panasonic	TXFKYO1RLTB3.3.08		February 2008	-
FPD126	0.00	0.00	Other	Hitachi	Unknown		July 2006	-
FPD127	0.00	0.00	Black	LG	Unknown		January 2010	-
FPD128	0.00	0.00	Black	Panasonic	Unknown		June 2011	-
FPD129	0.00	0.00	Black	Samsung	Unknown		April 2009	-
FPD130	0.00	0.00	Black	Panasonic	TX-P37"X10		February 2009	-
FPD131	0.00	0.00	Black	Panasonic	Unknown		February 2010	-
FPD132	0.00	0.00	Black	Samsung	Unknown		February 2010	-
FPD133	0.00	0.00	Black	Samsung	172V S		October 2003	Made in UK
FPD134	0.00	0.00	Black	Samsung	931BW	LCD Monitor	October 2007	Made in Romania
FPD135	0.01	0.00	Black	Proline	LVD1580WD	TV with DVD	November 2007	Made in UK
FPD136	0.02	0.01	Black	Compaq	NY321AA	LCD Monitor	February 2011	Made in China

Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD137	0.00	0.00	Black	LG	IPS236V	LED Backlit LCD monitor	October 2011	Made in Poland
FPD138	0.00	0.00	Black	Samsung	2232BW	LCD Monitor	October 2007	Made in Romania
FPD139	0.00	0.00	Black	Goodmans	GTBL15W17HDF	LCD TV	April 2008	Made in China
FPD140	0.04	0.01	Black	Belinea	101906	LCD Monitor	-	Made in China
FPD141	0.01	0.00	Black	Samsung	UE22K5000AK	LED TV	-	Made in UK
FPD142	0.00	0.00	Black	Daewoo	DSL/17D3	LCD TV	-	Made in Europe
FPD143	0.00	0.00	Black	DMTech	WT20XT	LCD TV with DVD	-	Assembled in Netherlands
FPD144	0.76	0.21	Black	Polaroid	TLU-01941CU	LCD TV	May 2007	Made in China
FPD145	0.00	0.00	Black	Videoseven	L17PS	LCD Monitor	-	Made in Taiwan
FPD146	0.06	0.01	Black	Toshiba	22L1333B	LED TV	2010/2011	Made in Turkey
FPD147	0.00	0.00	Black	Symphonic	LCD/B20B6	LCD TV	September 2006	Assembled in EU
FPD148	0.00	0.00	Black	Compaq	CQ1859s	LCD Monitor	Aug 2010	Made in China
FPD149	0.00	0.00	Black	LG	L1752S/SF	LCD Monitor	August 2006	Made in UK
FPD150	0.00	0.00	Black	Toshiba	22L1333B	LED TV	-	Made in Turkey
FPD151	5.66	2.02	Black	Logik	L22FE14	LED TV	-	Made in China
FPD152	0.00	0.00	Black	Maxim	11LCD15DV	LCD TV	-	-
FPD153	0.00	0.00	Black	Samsung	172V S	LCD Monitor	August 2003	Made in China
FPD154	0.00	0.00	Black	Samsung	2232BW	LCD Monitor	March 2008	Made in Romania
FPD155	0.00	0.00	Black	Goodmans	LD1546WD	LCD TV	June 2009	-
FPD156	0.00	0.01	Other	Samsung	LW15E23CB S	LCD TV	January 2004	Made in UK
FPD157	0.00	0.00	Black	Compaq	CQ1859s	LCD Monitor	September 2010	Made in China
FPD158	0.00	0.00	Black	Goodmans	LD1547WD	LCD TV	June 2009	-
FPD159	8.83	1.84	Black	Toshiba	22DL702B	LCD TV with DVD	-	-
FPD160	0.00	0.00	Black	Sony	KDL-20S3020	LCD TV	June 2008	Made in Slovakia
FPD161	0.26	0.06	Black	Goodmans	GTVL15W17HDF	-	-	-
FPD162	0.00	0.00	Black	Phillips	26HFL3381D/10	LCD TV	2013	Made in China
FPD163	0.00	0.00	Black	Samsung	Unknown	LCD TV	January 2010	Made in Poland
FPD164	0.00	0.00	Black	Panasonic	Unknown	-	June 2006	-

Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD165	0.00	0.00	Black	Panasonic	Unknown	-	May 2010	-
FPD166	0.00	0.00	Black	LG	Unknown	-	June 2010	-
FPD167	0.00	0.00	Black	Panasonic	Unknown	-	February 2008	-
FPD168	0.00	0.00	Black	Sky	Unknown	-	May 2004	-
FPD169	0.00	0.00	Black	Samsung	Unknown	-	August 2012	-
FPD170	0.00	0.00	Black	Advent	TV/200P	LCD TV and PC Monitor	-	-
FPD171	0.72	0.11	Black	Venturer	LCD15DVD/206	LCD TV with DVD	-	Made in China
FPD172	0.00	0.00	Black	LG	L1710B	LCD Monitor	February 2003	Made in UK
FPD173	0.00	0.00	Black	Dell	1909Wf	LCD monitor	October 2008	Made in Czech Republic
FPD174	0.00	0.00	Black	Samsung	S27D390H	LED monitor	March 2015	Made in Romania
FPD175	0.00	0.00	Black	LG	W2234SI	LCD Monitor	June 2008	Made in China
FPD176	0.00	0.00	Other	Hanns G	Unknown	-	-	-
FPD177	0.00	0.00	Black	ASUS	Unknown	-	-	-
FPD178	0.01	0.00	Black	Logik	L22DVDB11	LCD TV DVD Combo	-	-
FPD179	0.08	0.00	Black	Acer	AL1916W A	LCD Monitor	November 2006	Made in China
FPD180	0.52	0.11	Black	UMC	Unknown	-	-	-
FPD181	0.01	0.00	Black	PGE	MW19E	LCD Monitor	July 2007	Made in China
FPD182	0.03	0.01	Black		24F22B-FHD	LED TV	-	Assembled for Tesco
FPD183	0.00	0.01	Other	Dell	1907FPc	LCD Monitor	July 2006	Made in China
FPD184	0.00	0.01	Other	Dell	1708FPf	LCD Monitor	June 2008	Made in China
FPD185	0.01	0.01	Black	HP	LA1905wg	LCD Monitor	November 2007	Made in China
FPD186	0.06	0.01	Other	Dell	1708FPt	LCD Monitor	-	Made in China
FPD187	0.00	0.00	Black	Fujitsu Siemens	Scaleoview X17-3	LCD Monitor	-	Made in Taiwan
FPD188	0.01	0.00	Other	Dell	1707FPt	LCD Monitor	-	Made in China
FPD189	0.00	0.00	Other	UMC	19-Oct	-	-	Made in Slovakia
FPD190	0.01	0.00	Black	Packard Bell	CT700p	LCD Monitor	October 2004	Made in China
FPD191	0.00	0.00	Black	AOC	TFT1560A+	LCD Monitor	-	Made in China
FPD192	0.03	0.01	Black	Asus	MW221	LCD Monitor	February 2007	Made in China

Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD193	0.00	0.00	Black	Samsung	S24B300HL	LED monitor	October 2012	Made in Romania
FPD194	0.00	0.00	Black	HP	L1750	LCD Monitor	July 2009	Made in China
FPD195	0.00	0.00	Black	Sharp	LC-20AD5E/BK	LCD TV	-	Made in Japan
FPD196	0.06	0.01	Black	Toshiba	22L1333B	LED TV	-	Made in Turkey
FPD197	0.05	0.01	Black	Iiyama	Prolight 817025	-	-	Made in China
FPD198	0.00	0.00	Black	EM-150TFT	568	LCD Monitor	October 2004	Made in China
FPD199	0.06	0.01	Black	Toshiba	22L1333B	LED TV	-	Made in Turkey
FPD200	10.3	1.64	Black	HannSpree	SL22DMBBREW02	-	October 2012	Made in China
FPD201	8.06	2.60	Black	Matsui	LM14N1	LCD TV	-	Assembled in UK
FPD202	0.00	0.00	Black	Samsung	LE26R74BD-R	LCD TV	-	Made in Hungary
FPD203	0.01	0.00	Black	Made for Tesco	X22/14C	LCD TV	-	v
FPD204	0.02	0.01	Black	AOC	E2050s	LED Monitor	January 2012	Made in China
FPD205	0.00	0.02	Other	LG	Z-20L70-REVA	LCD TV	November 2004	Assembled in Europe
FPD206	0.00	0.00	Black	Beko	NR20LB330	LCD TV	-	-
FPD207	0.04	0.01	Black	Made for Tesco	X19/14B	LCD TV	-	-
FPD208	0.18	0.04	Black	TEAC	T19LI638	LCD Monitor	-	-
FPD209	0.00	0.00	Black	Distributed PGE in MK	MW19E	LCD Monitor	September 2007	Made in China
FPD210	0.00	0.00	Black	Goodmans	LD1546WD	LCD TV	August 2009	-
FPD211	0.00	0.00	Black	Dual	DLCD1501	LCD TV	-	-
FPD212	0.01	0.00	Black	Belinea	101902	LCD Monitor	-	Made in China
FPD213	0.05	0.01	Black	UMC	-	-	-	Made in Slovakia
FPD214	0.01	0.01	Black	Dell	2005FPW	LCD Monitor	July 2005	Made in UK
FPD215	3.21	0.66	Black	Logik	Unknown	TV	-	-
FPD216	0.00	0.00	Black	Technika	Unknown	TV	-	-
FPD217	0.00	0.00	Black	AOC	Unknown	-	-	-
FPD218	0.00	0.00	Other	AOC	Unknown	-	-	-
FPD219	0.03	0.01	Black	Goodmans	Unknown	-	-	-
FPD220	0.25	0.02	Black	Goodmans	Unknown			

Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD221	0.01	0.00	Other	Unknown	Unknown	-	-	-
FPD222	0.00	0.00	Black	Alba	LCD22880HDF	LCD TV	-	-
FPD223	0.00	0.00	Black	Toshiba	L1333B	LED TV	-	Made in Turkey
FPD224	0.00	0.00	Black	Toshiba	L1333B	LED TV	-	Made in Turkey
FPD225	0.00	0.00	Black	Acer	S220HQL	LED Backlit LCD Monitor	April 2015	Made in China
FPD226	0.00	0.00	Other	Venturer	Unknown	-	-	-
FPD227	0.00	0.00	Other	LG	32LX2R	LCD TV	August 2006	Made in Poland
FPD228	0.00	0.00	Black	Samsung	LE40A436T1D	LCD TV	-	Made in Slovakia
FPD229	0.03	0.00	Black	LG	32LX2R-ZE	LCD TV	November 2005	Made in Europe
FPD230	0.00	0.00	Black	LG	RZ-32LZ55	LCD TV	January 2006	Assembled in Europe
FPD231	0.00	0.00	Black	Technika	32-601	LCD TV with DVD	-	-
FPD232	0.00	0.00	Black	Panasonic	Unknown	-	August 2007	-
FPD233	0.00	0.00	Black	NEC	Unknown	-	May 2007	-
FPD234	0.00	0.00	Other	Hitachi	Unknown	-	June 2003	-
FPD235	0.00	0.00	Black	Panasonic	Unknown	-	June 2010	-
FPD236	0.00	0.00	Black	Samsung	Unknown	-	May 2009	-
FPD237	0.00	0.00	Black	Panasonic	Unknown	-	April 2008	-
FPD238	0.00	0.00	Black	Panasonic	Unknown	-	September 2011	-
FPD239	0.00	0.00	Black	Hitachi	Unknown	-	April 2009	-
FPD240	0.00	0.00	Black	Logik	L26DVDB21	LCD TV with DVD	-	Made in China
FPD241	10.5	2.63	Black	LG	32LD490	LCD TV	April 2011	Made in Poland
FPD242	0.03	0.01	Black	Samsung	LE32A456C2D	LCD TV	-	Made in Hungary
FPD243	9.68	2.59	Black	Toshiba	32CV711B1	LCD TV	-	Made in Poland
FPD244	0.01	0.00	Black	Bang & Olufson	BEOCENTRE/26	LCD TV	-	Made in Denmark
FPD245	0.00	0.01	Black	Sony	KDL-40V4000	LCD TV	September 2008	Made in Spain
FPD246	3.40	0.90	Black	Vigihome	32914LCDDVD	LCD TV with DVD	-	-
FPD247	9.51	3.12	Black	Toshiba	26C3030D	LCD TV	-	Made in UK
FPD248	0.00	0.00	Black	Sony	KDL-32EX301	LCD TV	April 2010	Made in Poland



Item	Br (%)	Sb (%)	Colour	Make	Model	Item Source	Date of Manufacture	Origin of Manufacture
FPD249	10.6	3.46	Black	ATEC	AV420D	LCD TV	-	Made in Germany
FPD250	10.8	2.17	Black	CELCUS	LCD40S913FHD	LCD TV	-	-
FPD251	9.29	1.94	Black	Toshiba	32BV702B	LCD TV	-	Made in Spain
FPD252	0.00	0.00	Black	Sony	KDL-40D3500	LCD TV	April 2008	Made in Spain
FPD253	0.00	0.00	Black	Bistron	LTM-3271E	LCD TV	-	-
FPD254	0.00	0.00	Black	Sony	KDL40S2010	LCD TV	September 2006	Made in Spain
FPD255	3.42	0.90	Black	Digihome	Unknown	LCD TV	-	-
FPD256	7.75	2.02	Black	JVC	LT-32DG20J	LED TV	-	Made in Japan
FPD257	0.01	0.00	Black	LG	42LG3000ZA	LCD TV	March 2009	Made in Poland
FPD258	0.07	0.00	Black	Logik	L42DIGB20-A	-	-	Made in China
FPD259	0.03	0.03	Black	Technika	LCD26/622	LCD TV	-	-
FPD260	11.6	1.44	Black	LG	32LD320-ZA	LCD TV	February 2011	Made in Czech Republic
FPD261	8.56	3.43	Black	Toshiba	32KV500B	LCD TV	-	Made in Spain
FPD262	0.00	0.00	Black	Samsung	LE32A436T1D	LCD TV	-	Made in Slovakia
FPD263	0.98	0.17	Black	Hitachi	L32HP04U A	LCD TV	-	-
FPD264	0.03	0.01	Black	Technika	LCD3968G	LCD TV	-	-

## B5 Fridges

Site Name
Environcom, Grantham

Component category key:							
EB - External fixings	EC - External casing	FO - Foam	G - Cogs and gears	IF - Internal framework	IO - Electrical casings	MC - Motor and heater casing	F - Fans and fan housings

Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI1	56A	8.79	3.63	Beko	FG944W	Internal fixing	48.0	IF
FRI1	57B	7.96	2.86	Beko	FG944W	Internal fixing	48.0	IF
FRI1	58C	0.01	0.00	Beko	FG944W	Compressor housing	48.0	MC
FRI1	59D	3.94	1.54	Beko	FG944W	Capacitor housing	48.0	IO
FRI1	60E	0.00	0.00	Beko	FG944W	Plug	48.0	IO
FRI1	61F	0.00	0.00	Beko	FG944W	Cable	48.0	IO
FRI2	62A	0.09	0.02	Daewoo	Unknown	Internal fixing	-	IF
FRI2	63B	0.07	0.02	Daewoo	Unknown	Internal fixing	-	IF
FRI2	64C	0.00	0.00	Daewoo	Unknown	Compressor housing	-	MC
FRI2	65D	0.64	0.00	Daewoo	Unknown	-	-	-
FRI2	66E	0.00	0.00	Daewoo	Unknown	-	-	-
FRI2	67F	0.00	0.00	Daewoo	Unknown	-	-	-
FRI3	69A	14.0	0.00	Hoover	Nextra frost free	Internal fixing	69.0	IF
FRI3	70B	0.00	0.00	Hoover	Nextra frost free	Internal framework	69.0	IF
FRI3	71C	0.00	0.00	Hoover	Nextra frost free	-	69.0	
FRI3	72D	0.00	0.00	Hoover	Nextra frost free	-	69.0	
FRI4	73A	0.03	0.00	LG	3850JS8097C	Internal framework	-	IF
FRI4	74B	0.00	0.00	LG	3850JS8097C	Internal fixing	-	IF
FRI4	75C	0.00	0.00	LG	3850JS8097C	Internal fixing	-	IF
FRI4	76D	0.00	0.00	LG	3850JS8097C	-	-	-
FRI4	77E	0.00	0.00	LG	3850JS8097C	-	-	-
FRI4	78F	4.65	2.16	LG	3850JS8097C	Fan	-	F
FRI4	79G	0.00	0.00	LG	3850JS8097C	-	-	-

Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI4	80H	0.00	0.21	LG	3850JS8097C	-	-	-
FRI5	81A	11.5	4.07	Samsung	rs21ncfw	Internal framework	93.0	IF
FRI5	82B	12.0	4.25	Samsung	rs21ncfw	Internal framework	93.0	IF
FRI5	83C	0.00	0.00	Samsung	rs21ncfw	Tube casing	93.0	IF
FRI5	84D	0.00	0.00	Samsung	rs21ncfw	Tube casing	93.0	IF
FRI5	85E	0.00	0.00	Samsung	rs21ncfw	Fan casing	93.0	F
FRI5	86F	0.00	0.00	Samsung	rs21ncfw	Panel casing	93.0	EB
FRI5	87G	6.09	0.63	Samsung	rs21ncfw	Pcb	93.0	IO
FRI5	88H	7.21	3.18	Samsung	rs21ncfw	-	93.0	-
FRI5	89I	0.01	0.00	Samsung	rs21ncfw	-	93.0	-
FRI5	90J	0.00	0.00	Samsung	rs21ncfw	-	93.0	-
FRI6	91A	0.04	0.06	Beko	gneb321apx	Fan	119	F
FRI6	92B	0.01	0.00	Beko	gneb321apx	Internal framework	119	IF
FRI6	93C	0.00	0.00	Beko	gneb321apx	Internal framework	119	IF
FRI6	94D	0.90	0.22	Beko	gneb321apx	-	119	-
FRI6	95E	2.34	0.12	Beko	gneb321apx	Electrical component casing	119	IO
FRI6	96F	2.72	0.77	Beko	gneb321apx	-	119	-
FRI6	97G	0.00	0.37	Beko	gneb321apx	-	119	-
FRI7	98A	0.00	0.00	Norfröst	ETYP	Electrical component casing	-	IO
FRI7	99B	6.14	2.22	Norfröst	ETYP	Internal fixing	-	IF
FRI7	100C	0.00	0.00	Norfröst	ETYP	Internal fixing	-	IF
FRI7	101D	0.00	0.00	Norfröst	ETYP	-	-	-
FRI7	102E	0.00	0.00	Norfröst	ETYP	Internal framework	-	IF
FRI7	103F	0.00	0.00	Norfröst	ETYP	-	-	-
FRI7	104G	0.00	0.00	Norfröst	ETYP	-	-	-
FRI7	105H	0.00	0.00	Norfröst	ETYP	-	-	-
FRI7	106I	0.01	0.00	Norfröst	ETYP	-	-	-
FRI8	107A	0.00	0.00	LG	Premium EZ Digital	Fan	104	F
FRI8	108B	5.13	4.52	LG	Premium EZ Digital	Internal component	104	IF
FRI8	109D	6.55	3.38	LG	Premium EZ Digital	Pipe	104	IF
FRI8	110E	7.19	2.01	LG	Premium EZ Digital	Internal fixing	104	IF
FRI8	111F	0.00	0.00	LG	Premium EZ Digital	Internal casing	104	IF

Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI8	112G	4.35	3.45	LG	Premium EZ Digital	Motor housing	104	MC
FRI8	113H	4.40	2.32	LG	Premium EZ Digital	Cable connector	104	IO
FRI8	114I	0.00	0.00	LG	Premium EZ Digital	Internal framework	104	IF
FRI8	115J	0.00	0.00	LG	Premium EZ Digital	Valve casing	104	IF
FRI8	116K	0.00	0.00	LG	Premium EZ Digital	-	104	-
FRI9	117A	0.00	0.00	Baumatic	B25SE	Fan casing	-	F
FRI9	118B	0.00	0.00	Baumatic	B25SE	Internal framework	-	IF
FRI9	119C	0.00	0.00	Baumatic	B25SE	-	-	-
FRI9	120D	0.00	0.00	Baumatic	B25SE	-	-	-
FRI9	121E	0.01	0.00	Baumatic	B25SE	-	-	-
FRI9	122F	0.00	0.00	Baumatic	B25SE	-	-	-
FRI9	123G	9.85	4.74	Baumatic	B25SE	-	-	-
FRI9	124H	0.00	0.00	Baumatic	B25SE	Valve casing	-	IF
FRI9	125I	0.01	0.01	Baumatic	B25SE	-	-	-
FRI10	126A	0.00	0.00	Unknown	Unknown	Internal framework	-	IF
FRI10	127B	0.18	0.00	Unknown	Unknown	Internal casing	-	IF
FRI10	128C	0.00	0.00	Unknown	Unknown	-	-	-
FRI10	129D	0.00	0.00	Unknown	Unknown	-	-	-
FRI11	130A	0.00	0.27	LG	GC151SA	Cable	-	IO
FRI11	131B	7.93	4.59	LG	GC151SA	Internal casing	-	IF
FRI11	132C	9.53	4.96	LG	GC151SA	Connector	-	IO
FRI11	133D	0.00	0.01	LG	GC151SA	Connector	-	IO
FRI11	134E	7.60	4.35	LG	GC151SA	Connector	-	IO
FRI11	135F	7.14	0.18	LG	GC151SA	Electrical component casing	-	IO
FRI11	136G	0.00	0.07	LG	GC151SA	Electrical component casing	-	IO
FRI12	137A	0.01	0.01	Iceland	90272282	Internal fixing	-	IF
FRI12	138B	0.00	0.00	Iceland	90272282	Electrical component casing	-	IO
FRI12	139C	0.01	0.01	Iceland	90272282	Internal casing	-	IF
FRI12	140D	0.00	0.00	Iceland	90272282	Electrical component casing	-	IO
FRI12	141E	0.00	0.00	Iceland	90272282	Internal casing	-	IF
FRI12	142F	0.00	0.00	Iceland	90272282	Internal framework	-	IF
FRI12	143G	0.00	0.00	Iceland	90272282	Internal framework	-	IF

Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI12	144H	0.00	0.00	Iceland	90272282	Internal casing	-	IF
FRI13	145A	0.00	0.09	Unknown	Unknown	Cable	-	IO
FRI13	146B	0.01	0.00	Unknown	Unknown	Internal casing	-	IF
FRI13	147C	7.97	2.44	Unknown	Unknown	Electrical component casing	-	IO
FRI14	148A	0.01	0.00	Beko	LS421NS	Plug	-	IO
FRI14	149B	9.15	3.55	Beko	LS421NS	Electrical component casing	-	IO
FRI14	150C	4.19	2.09	Beko	LS421NS	Capacitor housing	-	IO
FRI14	151D	8.31	2.92	Beko	LS421NS	Electrical component casing	-	IO
FRI14	152E	0.01	0.00	Beko	LS421NS	Internal fixing	-	IF
FRI14	153F	0.00	0.00	Beko	LS421NS	Compressor housing	-	MC
FRI15	122A	0.00	0.00	Neff	K4664X4GB/03	Electrical component casing	-	IO
FRI15	123B	7.89	6.04	Neff	K4664X4GB/03	Electrical component casing	-	IO
FRI15	124C	0.47	0.00	Neff	K4664X4GB/03	Electrical component casing	-	IO
FRI15	125D	0.01	0.00	Neff	K4664X4GB/03	Electrical component casing	-	IO
FRI15	126E	0.00	0.00	Neff	K4664X4GB/03	Cable	-	IO
FRI16	127A	0.00	0.00	Hoover	Unknown	Internal casing	-	IF
FRI16	128B	7.66	2.84	Hoover	Unknown	Electrical component casing	-	IO
FRI16	129C	0.00	0.00	Hoover	Unknown	Internal fixing	-	IF
FRI16	130D	0.00	0.00	Hoover	Unknown	Electrical component casing	-	IO
FRI16	131E	0.00	0.13	Hoover	Unknown	Cable	-	IO
FRI17	132A	0.00	0.00	Proline	Unknown	Internal casing	-	IF
FRI17	133B	0.61	0.43	Proline	Unknown	Electrical component casing	-	IO
FRI17	134C	0.00	0.00	Proline	Unknown	-	-	-
FRI17	135D	5.84	1.94	Proline	Unknown	Electrical component casing	-	IO
FRI17	136E	0.00	0.00	Proline	Unknown	Cable	-	IO
FRI18	137A	0.00	0.01	Whirlpool	Unknown	External panel	-	EC
FRI18	138B	0.16	0.15	Whirlpool	Unknown	External panel	-	EC
FRI18	139C	0.00	0.00	Whirlpool	Unknown	Internal fixing	-	IF
FRI18	140D	0.00	0.00	Whirlpool	Unknown	Electrical component casing	-	IO
FRI18	141E	0.89	0.27	Whirlpool	Unknown	Electrical component casing	-	IO
FRI18	142F	0.86	0.32	Whirlpool	Unknown	Electrical component casing	-	IO
FRI18	143G	0.00	0.00	Whirlpool	Unknown	Electrical component casing	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI18	144H	0.00	0.00	Whirlpool	Unknown	Electrical component casing	-	IO
FRI18	145I	0.00	0.00	Whirlpool	Unknown	Cable	-	IO
FRI18	146J	0.00	0.00	Whirlpool	Unknown	Electrical component casing	-	IO
FRI19	147A	0.00	0.00	Samsung	Unknown	Valve casing	-	IF
FRI19	148B	6.42	3.40	Samsung	Unknown	Electrical component casing	-	IO
FRI19	149C	0.00	0.00	Samsung	Unknown	Electrical component casing	-	IO
FRI19	150D	8.77	4.01	Samsung	Unknown	Electrical component casing	-	IO
FRI19	151E	8.18	3.34	Samsung	Unknown	Electrical component casing	-	IO
FRI19	152F	7.76	2.41	Samsung	Unknown	Electrical component casing	-	IO
FRI19	153G	0.00	0.12	Samsung	Unknown	Electrical component casing	-	IO
FRI20	154A	0.00	0.00	Whirlpool	Unknown	Internal casing	-	IF
FRI20	155B	0.87	1.13	Whirlpool	Unknown	Electrical component casing	-	IO
FRI20	156C	0.00	0.02	Whirlpool	Unknown	Cable	-	IO
FRI21	157A	11.8	3.26	Samsung	Unknown	External panel	-	EC
FRI21	158B	7.89	4.83	Samsung	Unknown	Electrical component casing	-	IO
FRI21	159C	3.03	2.36	Samsung	Unknown	Electrical component casing	-	IO
FRI21	160D	5.34	2.22	Samsung	Unknown	Electrical component casing	-	IO
FRI21	161E	0.00	0.00	Samsung	Unknown	Cable	-	IO
FRI22	162A	0.00	0.00	Zanussi	Electrolux frost free	Electrical component casing	-	IO
FRI22	163B	5.96	4.91	Zanussi	Electrolux frost free	Electrical component casing	-	IO
FRI22	164C	13.1	0.00	Zanussi	Electrolux frost free	Internal casing	-	IF
FRI22	165D	0.00	0.00	Zanussi	Electrolux frost free	Electrical component casing	-	IO
FRI22	166E	0.00	0.00	Zanussi	Electrolux frost free	Cable	-	IO
FRI23	167A	0.03	0.01	Frigidaire	B/PD64	Electrical component casing	-	IO
FRI23	168B	12.6	3.62	Frigidaire	B/PD64	Internal casing	-	IF
FRI23	169C	11.2	3.92	Frigidaire	B/PD64	Internal casing	-	IF
FRI23	171D	4.87	2.09	Frigidaire	B/PD64	Electrical component casing	-	IO
FRI23	172E	7.14	1.62	Frigidaire	B/PD64	Electrical component casing	-	IO
FRI23	173F	0.00	0.01	Frigidaire	B/PD64	Cable	-	IO
FRI24	175A	0.00	0.00	Bush	BSNF55136	Internal casing	-	IF
FRI24	176B	0.00	0.00	Bush	BSNF55136	Electrical component casing	-	IO
FRI24	177C	0.00	0.00	Bush	BSNF55136	Cable	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI25	178A	0.03	0.00	Hotpoint	Unknown	Internal casing	-	IF
FRI25	179B	0.00	0.00	Hotpoint	Unknown	Electrical component casing	-	IO
FRI25	180C	0.00	0.00	Hotpoint	Unknown	Electrical component casing	-	IO
FRI25	181D	4.26	2.85	Hotpoint	Unknown	Electrical component casing	-	IO
FRI25	182E	5.76	2.36	Hotpoint	Unknown	Internal framework	-	IF
FRI25	183F	0.00	0.00	Hotpoint	Unknown	Cable	-	IO
FRI26	184A	0.00	0.00	Hoover	3400163312200490	Internal casing	-	IF
FRI26	185B	8.64	3.47	Hoover	3400163312200490	Electrical component casing	-	IO
FRI26	186C	0.00	0.00	Hoover	3400163312200490	Electrical component casing	-	IO
FRI26	187D	0.34	0.22	Hoover	3400163312200490	Electrical component casing	-	IO
FRI26	188E	0.00	0.02	Hoover	3400163312200490	Cable	-	IO
FRI27	189A	0.00	0.00	Curry's	Essentials	Internal casing	-	IF
FRI27	190B	0.00	0.00	Curry's	Essentials	Internal framework	-	IF
FRI27	191C	2.04	0.63	Curry's	Essentials	Internal framework	-	IF
FRI27	192D	0.25	0.10	Curry's	Essentials	Electrical component casing	-	IO
FRI27	193E	0.00	0.17	Curry's	Essentials	Cable	-	IO
FRI28	194A	0.08	0.02	Fridgemaster	B/S201	Internal casing	53.0	IF
FRI28	195B	1.84	0.88	Fridgemaster	B/S201	Internal framework	53.0	IF
FRI28	196C	6.65	3.41	Fridgemaster	B/S201	Electrical component casing	53.0	IO
FRI28	197D	0.00	0.00	Fridgemaster	B/S201	Electrical component casing	53.0	IO
FRI28	198E	0.45	0.14	Fridgemaster	B/S201	Electrical component casing	53.0	IO
FRI28	199F	0.00	0.09	Fridgemaster	B/S201	Cable	53.0	IO
FRI29	200A	0.19	0.00	Hotpoint	Riazi	Electrical component casing	-	IO
FRI29	202B	0.00	0.00	Hotpoint	Riazi	-	-	-
FRI29	203C	9.36	3.37	Hotpoint	Riazi	Electrical component casing	-	IO
FRI29	204D	0.00	0.01	Hotpoint	Riazi	Cable	-	IO
FRI30	205A	17.1	8.53	LEC	F139G	Internal framework	37.0	IF
FRI30	206A	16.9	8.55	LEC	F139G	Internal framework	37.0	IF
FRI30	207B	10.6	2.97	LEC	F139G	-	37.0	
FRI30	208C	0.00	0.00	LEC	F139G	-	37.0	
FRI30	209D	0.00	0.00	LEC	F139G	-	37.0	
FRI30	210E	0.02	0.00	LEC	F139G	-	37.0	

Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI31	211A	9.76	3.06	Electrolux	EC2070C1225FF	-	59.0	-
FRI31	212B	9.68	3.03	Electrolux	EC2070C1225FF	-	59.0	-
FRI31	213C	9.54	3.07	Electrolux	EC2070C1225FF	PBC framework	59.0	IO
FRI31	214D	0.01	0.00	Electrolux	EC2070C1225FF	Internal framework	59.0	IF
FRI31	215E	7.84	2.74	Electrolux	EC2070C1225FF	Electrical component casing	59.0	IO
FRI31	216F	0.00	0.00	Electrolux	EC2070C1225FF	Electrical component casing	59.0	IO
FRI31	217G	0.00	0.00	Electrolux	EC2070C1225FF	Cable	59.0	IO
FRI32	218A	0.04	0.01	Hotpoint	FFA97G45070246	Internal framework	-	IF
FRI32	219B	7.69	3.35	Hotpoint	FFA97G45070246	Electrical component casing	-	IO
FRI32	220C	0.00	0.00	Hotpoint	FFA97G45070246	-	-	-
FRI32	221D	0.00	0.00	Hotpoint	FFA97G45070246	Electrical component casing	-	IO
FRI32	222E	0.00	0.00	Hotpoint	FFA97G45070246	Cable	-	IO
FRI33	223A	17.3	3.29	Logik	LFC50S10	Internal casing	-	IF
FRI33	224B	9.58	2.16	Logik	LFC50S10	Internal framework	-	IF
FRI33	225C	9.58	2.26	Logik	LFC50S10	Internal casing	-	IF
FRI33	226D	7.28	5.32	Logik	LFC50S10	Electrical component casing	-	IO
FRI33	227E	0.05	0.01	Logik	LFC50S10	Electrical component casing	-	IO
FRI33	228F	0.00	0.01	Logik	LFC50S10	Electrical component casing	-	IO
FRI33	229G	0.00	0.00	Logik	LFC50S10	Electrical component casing	-	IO
FRI33	230H	0.00	0.00	Logik	LFC50S10	Cable	-	IO
FRI34	231A	0.00	0.00	LEC	Unknown	Internal casing	-	IF
FRI34	232B	9.74	3.70	LEC	Unknown	Electrical component casing	-	IO
FRI34	233C	0.01	0.66	LEC	Unknown	Cable	-	IO
FRI35	234A	0.01	0.00	Hotpoint	FFA90P	Electrical component casing	-	IO
FRI35	235B	7.34	2.79	Hotpoint	FFA90P	Electrical component casing	-	IO
FRI35	236C	0.00	0.00	Hotpoint	FFA90P	Electrical component casing	-	IO
FRI35	237D	0.00	0.00	Hotpoint	FFA90P	Cable	-	IO
FRI36	72A	0.06	0.04	Beko	CDA543F3-2	Internal casing	-	IF
FRI36	73B	0.00	0.00	Beko	CDA543F3-2	Electrical component casing	-	IO
FRI36	74C	0.05	0.04	Beko	CDA543F3-2	Electrical component casing	-	IO
FRI36	75D	1.97	0.46	Beko	CDA543F3-2	Electrical component casing	-	IO
FRI36	76E	0.00	0.00	Beko	CDA543F3-2	-	-	-



Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI37	77A	0.01	0.00	Hotpoint	Iced Diamond	Internal casing	-	IF
FRI37	78B	0.00	0.00	Hotpoint	Iced Diamond	-	-	-
FRI37	79C	11.5	0.00	Hotpoint	Iced Diamond	-	-	-
FRI37	80D	14.8	2.20	Hotpoint	Iced Diamond	Electrical component casing	-	IO
FRI37	81E	0.00	0.00	Hotpoint	Iced Diamond	-	-	-
FRI38	82A	0.00	0.00	Electrolux	ER2946B	Electrical component casing	-	IO
FRI38	83B	6.73	2.89	Electrolux	ER2946B	Internal framework	-	IF
FRI38	84C	0.00	0.00	Electrolux	ER2946B	-	-	-
FRI39	85A	0.16	0.00	Hotpoint	Unknown	Electrical component casing	-	IO
FRI39	86B	0.07	0.00	Hotpoint	Unknown	Internal framework	-	IF
FRI39	87C	0.00	0.00	Hotpoint	Unknown	Internal framework	-	IG
FRI40	88A	0.01	0.00	Samsung	Unknown	Electrical component casing	-	IO
FRI40	89B	8.89	3.70	Samsung	Unknown	PCB support box	-	IO
FRI40	90C	9.78	0.56	Samsung	Unknown	-	-	-
FRI40	91D	10.7	0.00	Samsung	Unknown	-	-	-
FRI40	92E	0.00	0.00	Samsung	Unknown	Internal framework	-	IG
FRI40	93F	8.87	3.75	Samsung	Unknown	Internal casing	-	IG
FRI40	94G	0.01	0.00	Samsung	Unknown	-	-	-
FRI40	95H	9.33	5.44	Samsung	Unknown	-	-	-
FRI40	97I	9.33	5.16	Samsung	Unknown	-	-	-
FRI40	98J	9.18	5.86	Samsung	Unknown	-	-	-
FRI41	99A	15.0	6.26	Hinari	Ice Style	Internal casing	-	IF
FRI41	100B	11.6	0.80	Hinari	Ice Style	Electrical component casing	-	IO
FRI41	101C	12.0	0.85	Hinari	Ice Style	-	-	-
FRI41	102D	3.86	2.29	Hinari	Ice Style	-	-	-
FRI41	104F	0.13	0.43	Hinari	Ice Style	-	-	-
FRI42	105A	0.00	0.00	Daewoo	FRSU20ICB	Electrical component casing	113	IO
FRI42	106B	0.00	0.00	Daewoo	FRSU20ICB	-	113	-
FRI42	107C	0.00	0.00	Daewoo	FRSU20ICB	Electrical component casing	113	IO
FRI42	108D	0.00	0.00	Daewoo	FRSU20ICB	Electrical component casing	113	IO
FRI42	109E	9.30	4.55	Daewoo	FRSU20ICB	-	113	-
FRI42	110F	7.83	3.61	Daewoo	FRSU20ICB	Electrical component casing	113	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI42	111G	9.28	4.65	Daewoo	FRSU20ICB	-	113	-
FRI42	112H	8.90	3.61	Daewoo	FRSU20ICB	-	113	-
FRI42	113I	7.95	3.12	Daewoo	FRSU20ICB	-	113	-
FRI43	114A	13.8	0.01	Hotpoint	FRLAV21	-	-	-
FRI43	115B	1.60	0.36	Hotpoint	FRLAV21	-	-	-
FRI43	116C	0.00	0.00	Hotpoint	FRLAV21	-	-	-
FRI44	117A	0.00	0.00	LEC Elan	ER654AW	Internal casing	-	IF
FRI44	118B	0.30	0.10	LEC Elan	ER654AW	Electrical component casing	-	IO
FRI44	119C	0.00	0.00	LEC Elan	ER654AW	Internal framework	-	IF
FRI45	120A	0.00	0.00	Hotpoint	Unknown	Internal framework	-	IF
FRI45	121B	0.00	0.00	Hotpoint	Unknown	Electrical component casing	-	IO
FRI45	122C	13.4	2.66	Hotpoint	Unknown	Electrical component casing	-	IO
FRI45	123D	1.09	0.00	Hotpoint	Unknown	-	-	-
FRI46	124A	0.00	0.00	Hotpoint	Unknown	-	-	-
FRI46	125B	0.00	0.00	Hotpoint	Unknown	-	-	-
FRI46	126C	0.14	0.05	Hotpoint	Unknown	-	-	-
FRI46	127D	0.01	0.00	Hotpoint	Unknown	-	-	-
FRI46	128E	0.03	0.05	Hotpoint	Unknown	-	-	-
FRI46	129F	8.21	4.80	Hotpoint	Unknown	Electrical component casing	-	IO
FRI46	130G	0.00	0.00	Hotpoint	Unknown	Internal framework	-	IF
FRI47	131A	7.67	3.54	Daewoo	FRS-U20IAI	Electrical component casing	-	IO
FRI47	132B	0.00	0.00	Daewoo	FRS-U20IAI	Electrical component casing	-	IO
FRI47	133C	9.21	4.59	Daewoo	FRS-U20IAI	Electrical component casing	-	IO
FRI47	134D	0.00	0.00	Daewoo	FRS-U20IAI	Internal casing	-	IF
FRI47	135E	8.67	3.90	Daewoo	FRS-U20IAI	Electrical component casing	-	IO
FRI47	136F	0.00	0.05	Daewoo	FRS-U20IAI	Electrical component casing	-	IO
FRI47	137G	0.00	0.00	Daewoo	FRS-U20IAI	Electrical component casing	-	IO
FRI47	138H	0.00	0.00	Daewoo	FRS-U20IAI	Screw	-	IF
FRI47	139I	9.25	3.82	Daewoo	FRS-U20IAI	Electrical component casing	-	IO
FRI48	140A	4.51	3.02	LG	Unknown	Electrical component casing	-	IO
FRI48	141B	0.00	0.00	LG	Unknown	Electrical component casing	-	IO
FRI48	142C	8.06	3.76	LG	Unknown	Electrical component casing	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Component description	Weight of item (kg)	Component category.
FRI48	143D	8.40	3.66	LG	Unknown	Electrical component casing	-	IO
FRI48	144E	0.00	0.00	LG	Unknown	Electrical component casing	-	IO
FRI48	145F	0.00	0.00	LG	Unknown	Electrical component casing	-	IO
FRI49	146A	0.00	0.00	Zanussi	Unknown	Electrical component casing	-	IO
FRI49	147B	0.00	0.00	Zanussi	Unknown	Electrical component casing	-	IO
FRI49	148C	0.00	0.00	Zanussi	Unknown	Electrical component casing	-	IO
FRI49	149D	0.00	0.00	Zanussi	Unknown	Electrical component casing	-	IO
FRI50	150A	0.04	0.02	Whirlpool	Unknown	External panel	-	EB
FRI50	151B	1.61	0.62	Whirlpool	Unknown	Internal framework	-	IF
FRI50	152C	0.04	0.02	Whirlpool	Unknown	Internal framework	-	IF
FRI50	153D	0.01	0.00	Whirlpool	Unknown	Electrical component casing	-	IO
FRI50	154E	3.66	1.89	Whirlpool	Unknown	Electrical component casing	-	IO
FRI50	155F	13.6	6.46	Whirlpool	Unknown	Electrical component casing	-	IO
FRI50	156G	0.00	0.00	Whirlpool	Unknown	Electrical component casing	-	IO

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Component category key:							
EB - External fixings	EC - External casing	FO - Foam	G - Cogs and gears	IF - Internal framework	IO - Electrical casings	MC - Motor and heater casing	F - Fans and fan housings

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI1	116A	0.00	0.00	Beko	Unknown	Fridge freezer	Outside components of water dispenser	-	-	EB
FRI1	117B	0.00	0.00	Beko	Unknown	Fridge freezer	Inside water container	-	-	IF
FRI1	118C	0.00	0.00	Beko	Unknown	Fridge freezer	Control unit in roof fridge	-	-	IO
FRI1	119D	0.00	0.00	Beko	Unknown	Fridge freezer	Inside back	-	-	IF
FRI1	120E	0.00	0.00	Beko	Unknown	Fridge freezer	Inside back freezer	-	-	IF
FRI1	121F	0.00	0.00	Beko	Unknown	Fridge freezer	Box component	-	-	IO
FRI1	122G	0.00	0.00	Beko	Unknown	Fridge freezer	-	-	-	-
FRI1	123H	2.75	0.01	Beko	Unknown	Fridge freezer	Box component	-	-	IO
FRI2	124A	0.00	0.00	Unknown	Unknown	Built-in freezer	Casing of the condenser	-	-	IO
FRI2	125B	0.00	0.01	Unknown	Unknown	Built-in freezer	Pump casing front	-	-	MC
FRI2	127C	0.00	0.00	Unknown	Unknown	Built-in freezer	Back freezer (inside)	-	-	IF
FRI3	128A	4.98	3.20	Frigidaire	Unknown	Fridge freezer	Light. Control unit inside fridge	-	-	IO
FRI3	129B	0.00	0.00	Frigidaire	Unknown	Fridge freezer	Inside back fridge	-	-	IF
FRI3	130C	0.00	0.00	Frigidaire	Unknown	Fridge freezer	Back freezer (inside)	-	-	IF
FRI3	131D	0.00	0.00	Frigidaire	Unknown	Fridge freezer	Condenser metal casing	-	-	MC
FRI3	132E	0.00	0.00	Frigidaire	Unknown	Fridge freezer	Drip tray	-	-	IF
FRI3	133F	10.9	4.18	Frigidaire	Unknown	Fridge freezer	Box component	-	-	IO
FRI3	134G	6.41	0.88	Frigidaire	Unknown	Fridge freezer	Box component	-	-	IO
FRI4	135A	0.00	0.00	Servis	Unknown	Under counter fridge	Drip tray	-	-	EB
FRI4	136B	0.00	0.00	Servis	Unknown	Under counter fridge	Casing attached to condenser	-	-	MC
FRI4	137C	0.00	0.00	Servis	Unknown	Under counter fridge	Inside back fridge	-	-	IF
FRI5	138A	0.00	0.01	Unknown	Unknown	Built-in fridge	White pump	-	-	MC
FRI5	139B	0.00	0.00	Unknown	Unknown	Built-in fridge	Inside back fridge	-	-	IF
FRI5	140C	0.00	0.00	Unknown	Unknown	Built-in fridge	Condenser Drip tray	-	-	IF
FRI5	141D	5.56	0.00	Unknown	Unknown	Built-in fridge	Casing attached to condenser	-	-	MC
FRI6	142A	8.48	1.04	Proline	Unknown	Under counter freezer	Casing attached to condenser	-	-	MC

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI6	143B	10.2	2.61	Proline	Unknown	Under counter freezer	Switch box and dial	-	-	IO
FRI6	144C	0.01	0.00	Proline	Unknown	Under counter freezer	Back freezer (inside)	-	-	IF
FRI7	146A	0.00	0.00	Hotpoint	Unknown	Fridge Freezer 1st Edition	Inside back freezer	-	56.0	IF
FRI7	147B	0.00	0.00	Hotpoint	Unknown	Fridge Freezer 1st Edition	Inside back Fridge	-	56.0	IF
FRI7	148C	0.00	0.00	Hotpoint	Unknown	Fridge Freezer 1st Edition	Temp. Control unit in side fridge	-	56.0	IO
FRI7	151D	0.00	0.00	Hotpoint	Unknown	Fridge Freezer 1st Edition	Drip tray	-	56.0	IF
FRI7	152E	0.00	0.00	Hotpoint	Unknown	Fridge Freezer 1st Edition	Black casing attached to condenser	-	56.0	MC
FRI8	154A	0.00	0.00	Fridgemaster	Unknown	Fridge freezer	Inside back fridge	-	-	IF
FRI8	155B	0.00	0.00	Fridgemaster	Unknown	Fridge freezer	Internal dial casing	-	-	IF
FRI8	156C	0.00	0.00	Fridgemaster	Unknown	Fridge freezer	Inside back freezer	-	-	IF
FRI8	157D	0.00	0.00	Fridgemaster	Unknown	Fridge freezer	Drip tray	-	-	IF
FRI8	158E	0.68	0.06	Fridgemaster	Unknown	Fridge freezer	Casing on condenser	-	-	MC
FRI8	159F	0.00	0.13	Fridgemaster	Unknown	Fridge freezer	-	-	-	
FRI9	160A	0.00	0.00	Cool zone	Unknown	Under counter fridge	Inside back fridge	-	-	IF
FRI9	161B	0.01	0.00	Cool zone	Unknown	Under counter fridge	Switch unit inside fridge	-	-	IO
FRI9	162C	7.81	1.89	Cool zone	Unknown	Under counter fridge	Casing on condenser	-	-	MC
FRI9	163D	5.75	3.93	Cool zone	Unknown	Under counter fridge	Capacitor	-	-	IO
FRI9	164E	0.00	0.00	Cool zone	Unknown	Under counter fridge	Drip tray	-	-	MC
FRI10	165A	0.00	0.00	Candy	Unknown	Fridge freezer	Inside back fridge	-	-	IF
FRI10	166B	0.01	0.00	Candy	Unknown	Fridge freezer	Switch unit inside fridge	-	-	IP
FRI10	167C	0.00	0.00	Candy	Unknown	Fridge freezer	Inside back freezer	-	-	IF
FRI10	168D	0.00	0.00	Candy	Unknown	Fridge freezer	Casing on condenser	-	-	MC
FRI10	169E	0.02	0.00	Candy	Unknown	Fridge freezer	External cable	-	-	IO
FRI11	170A	12.1	0.05	Unknown	Unknown	Unknown	White Biscuit connector	6.90	-	IO
FRI11	171B	1.51	0.36	Unknown	Unknown	Unknown	Cable box	24.0	-	IO
FRI11	172C	1.27	0.00	Unknown	Unknown	Unknown	Capacitor	70.2	-	IO
FRI11	173D	0.00	0.02	Unknown	Unknown	Unknown	Casing attached condenser	41.7	-	IO
FRI11	174E	1.49	0.44	Unknown	Unknown	Unknown	Black wiring connector	9.30	-	IO
FRI11	175F	0.00	0.00	Unknown	Unknown	Unknown	Drip tray	189	-	IF
FRI12	176A	0.00	0.00	Unknown	Unknown	Unknown	Drip tray	141	-	IF

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI12	177B	0.00	0.00	Unknown	Unknown	Unknown	Casing attached condenser	22.0	-	IO
FRI13	178A	0.00	0.00	Indesit	Unknown	Unknown	Drip tray	151	-	IF
FRI13	179B	19.2	0.00	Indesit	Unknown	Unknown	Casing attached condenser	29.0	-	IO
FRI13	180C	20.3	0.00	Indesit	Unknown	Unknown	Casing attached condenser	29.0	-	IO
FRI14	181A	0.00	0.00	Unknown	Unknown	Unknown	Cable box	11.0	-	IO
FRI14	182B	0.00	0.00	Unknown	Unknown	Unknown	Biscuit connector	18.0	-	IO
FRI14	183C	0.00	0.00	Unknown	Unknown	Unknown	Biscuit connector	9.00	-	IO
FRI16	184A	0.00	0.00	Daewoo	Unknown	Unknown	Drip tray	143	-	IF
FRI16	185B	0.21	0.28	Daewoo	Unknown	Unknown	Black connector	11.0	-	IO
FRI16	186C	0.00	0.00	Daewoo	Unknown	Unknown	Black connector	14.0	-	IO
FRI16	187D	0.00	0.00	Daewoo	Unknown	Unknown	Wire cover	10.0	-	IO
FRI16	188E	8.22	2.19	Daewoo	Unknown	Unknown	Casing attached condenser	19.0	-	IO
FRI17	190A	8.37	2.76	Unknown	Unknown	Unknown	White cable box	243	-	IO
FRI17	191B	0.00	0.00	Unknown	Unknown	Unknown	Drip tray	101	-	IF
FRI17	192C	0.00	0.00	Unknown	Unknown	Unknown	White wiring cover	26.0	-	IO
FRI17	193D	11.6	3.01	Unknown	Unknown	Unknown	Capacitor	57.0	-	IO
FRI18	194A	0.00	0.00	Beko	Tzda504fs	Freezer	White cable housing	13.0	50.0	IO
FRI18	195B	13.7	4.43	Beko	Tzda504fs	Freezer	Casing attached condenser	28.0	50.0	IO
FRI18	200B	13.2	0.00	Beko	Tzda504fs	Freezer	Casing attached condenser	28.0	50.0	IO
FRI18	196C	8.25	0.00	Beko	Tzda504fs	Freezer	White connector box	10.0	50.0	IO
FRI18	197D	0.00	0.00	Beko	Tzda504fs	Freezer	Black circle inside cable box	8.00	50.0	IO
FRI18	197E	2.31	0.62	Beko	Tzda504fs	Freezer	Capacitor	68.0	50.0	IO
FRI19	202A	0.05	0.01	Iceking	Unknown	Unknown	Black drip tray	64.0	-	IF
FRI19	203B	0.69	0.07	Iceking	Unknown	Unknown	Casing attached condenser	34.0	-	IO
FRI20	204A	0.00	0.00	Iceking	L2004w	Fridge	Segmented black tray	64.0	-	IF
FRI20	205B	2.55	0.02	Iceking	L2004w	Fridge	Casing attached condenser	34.0	-	IO
FRI21	206A	3.68	0.00	Unknown	Unknown	Unknown	White cable cover	6.00	-	IF
FRI21	207B	7.63	2.56	Unknown	Unknown	Unknown	Capacitor	64.0	-	IO
FRI21	208C	0.00	0.00	Unknown	Unknown	Unknown	White drip tray	47.0	-	IF
FRI21	209D	0.01	0.00	Unknown	Unknown	Unknown	Casing attached condenser	21.0	-	IO
FRI22	210A	0.28	0.03	Iceking	Unknown	Unknown	Black drip tray	142	-	IF
FRI22	211B	10.6	3.47	Iceking	Unknown	Unknown	Grey cable cover unit	17.0	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI22	212C	0.00	0.00	Iceking	Unknown	Unknown	Casing attached condenser	42.0	-	IO
FRI23	213A	0.18	0.09	Unknown	Unknown	Unknown	Segmented black tray	64.0	-	IF
FRI23	214B	2.51	0.03	Unknown	Unknown	Unknown	Casing attached condenser	33.0	-	IO
FRI24	215A	0.00	0.00	Unknown	Unknown	Unknown	White drip tray	92.0	-	IF
FRI24	216B	0.00	0.00	Unknown	Unknown	Unknown	White cable housing	18.0	-	IO
FRI24	217C	13.5	0.01	Unknown	Unknown	Unknown	Casing attached condenser	25.0	-	IO
FRI25	218A	0.00	0.00	Unknown	Unknown	Fridge freezer	White drip tray	125	-	IF
FRI25	219B	0.00	0.00	Unknown	Unknown	Fridge freezer	Opaque white component casing	38.0	-	IO
FRI25	220C	0.00	0.00	Unknown	Unknown	Fridge freezer	Casing attached condenser	55.0	-	IO
FRI25	222D	2.07	0.30	Unknown	Unknown	Fridge freezer	Capacitor	55.0	-	IO
FRI26	223A	0.00	0.00	Thermax	Unknown	Unknown	Grey hard drip tray	72.0	-	IF
FRI26	224B	0.00	0.01	Thermax	Unknown	Unknown	Small black switch box	11.0	-	IO
FRI26	225C	0.00	0.02	Thermax	Unknown	Unknown	Black circular component from condenser box	12.0	-	IO
FRI26	226D	0.00	0.01	Thermax	Unknown	Unknown	Circular PCB attached to inside B	11.0	-	IO
FRI26	227E	0.00	0.00	Thermax	Unknown	Unknown	White cable box		-	IO
FRI26	228F	8.42	1.94	Thermax	Unknown	Unknown	Casing attached condenser	25.0	-	IO
FRI27	229A	13.1	0.01	CDA	Unknown	Fridge freezer	Part casing attached condenser	22.0	-	IO
FRI28	230A	0.00	0.00	CDA	Unknown	Fridge freezer	White drip tray	95.0	-	IF
FRI28	231B	13.0	0.00	CDA	Unknown	Fridge freezer	Casing attached condenser	35.0	-	IO
FRI29	232A	0.00	0.00	Tricity Bendix	Unknown	Under counter	White drip tray	92.0	-	IF
FRI29	233B	1.97	0.07	Tricity Bendix	Unknown	Under counter	Casing attached condenser part 1	13.0	-	IO
FRI29	234C	2.08	0.08	Tricity Bendix	Unknown	Under counter	Casing attached condenser part 2	18.0	-	IO
FRI29	235D	0.00	0.01	Tricity Bendix	Unknown	Under counter	Black side switch relay	9.00	-	IO
FRI29	236E	0.86	0.11	Tricity Bendix	Unknown	Under counter	White side switch relay	4.00	-	IO
FRI29	237F	0.00	0.00	Tricity Bendix	Unknown	Under counter	Small black switch	4.00	-	IO
FRI30	238A	0.00	0.00	Unknown	Unknown	Under counter	White drip tray	104	-	IF
FRI30	239B	8.64	3.75	Unknown	Unknown	Under counter	Casing attached condenser	83.0	-	IO
FRI30	240C	7.22	3.24	Unknown	Unknown	Under counter	White cable connector casing 1 of 2	12.0	-	IO
FRI30	241D	0.00	0.00	Unknown	Unknown	Under counter	Circular black casing attached to inside condenser	12.0	-	IO
FRI30	242E	0.00	0.00	Unknown	Unknown	Under counter	Capacitor	41.0	-	IO
FRI31	243A	0.03	0.01	Unknown	Hd-107wen	Drinks chiller	Black drip tray	60.0	-	IF

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI31	244B	0.03	0.01	Unknown	Hd-107wen	Drinks chiller	White cable (switch box)	71.0	-	IO
FRI31	245C	12.2	1.17	Unknown	Hd-107wen	Drinks chiller	Casing attached condenser	48.0	-	IO
FRI31	246D	7.35	0.00	Unknown	Hd-107wen	Drinks chiller	PCB from switch box	177	-	IO
FRI31	247E	0.00	0.00	Unknown	Hd-107wen	Drinks chiller	Back to switch box (PCB case)	17.0	-	IO
FRI32	248A	0.00	0.00	Kyoto Iceland	Unknown	Under counter	White drip tray	87.0	-	IF
FRI32	249B	0.01	0.00	Kyoto Iceland	Unknown	Under counter	Casing attached condenser	53.0	-	IO
FRI32	250C	0.00	0.00	Kyoto Iceland	Unknown	Under counter	Capacitor	34.0	-	IO
FRI32	251D	6.65	2.99	Kyoto Iceland	Unknown	Under counter	White small cable box	6.50	-	IO
FRI32	252E	0.00	0.00	Kyoto Iceland	Unknown	Under counter	Circular black casing attached to inside condenser	7.00	-	IO
FRI33	253A	0.00	0.00	Hotpoint	Unknown	Under counter	White plastic casing fan screwed into	106	-	F
FRI33	254B	0.00	0.00	Hotpoint	Unknown	Under counter	Opaque white Fan	12.5	-	F
FRI33	255C	21.5	0.00	Hotpoint	Unknown	Under counter	Casing attached condenser	32.0	-	IO
FRI33	256D	18.8	0.00	Hotpoint	Unknown	Under counter	Casing attached condenser	32.0	-	IO
FRI33	257E	21.6	0.00	Hotpoint	Unknown	Under counter	Casing attached condenser	32.0	-	IO
FRI34	258A	1.04	0.02	Hotpoint	Unknown	Under counter	Casing attached condenser (2 bits)	28.0	-	IO
FRI34	259B	9.13	3.05	Hotpoint	Unknown	Under counter	Black cable casing from side	16.0	-	IO
FRI34	260C	6.63	2.06	Hotpoint	Unknown	Under counter	Capacitor	70.0	-	IO
FRI35	261A	7.93	4.98	Nova Scotia	Unknown	Under counter	Mint green cable housing	72.5	-	IO
FRI35	262B	0.00	0.00	Nova Scotia	Unknown	Under counter	Casing attached condenser (2 bits)	36.0	-	IO
FRI35	263C	0.00	0.00	Nova Scotia	Unknown	Under counter	Brown biscuit connector	5.00	-	IO
FRI36	264A	0.00	0.00	Unknown	Unknown	Built-in	White drip tray	123	-	IF
FRI36	266B	0.00	0.00	Unknown	Unknown	Built-in	White cable casing side fridge	15.0	-	IO
FRI36	265C	0.00	0.00	Unknown	Unknown	Built-in	Casing attached condenser	33.0	-	IO
FRI37	267A	0.77	0.00	Unknown	Unknown	Built-in	Black hard drip tray	195	-	IF
FRI37	268B	0.11	0.01	Unknown	Unknown	Built-in	Casing attached condenser	36.0	-	IO
FRI37	269C	9.38	2.92	Unknown	Unknown	Built-in	Grey cable box side fridge	17.0	-	IO
FRI37	270D	5.77	2.92	Unknown	Unknown	Built-in	Capacitor	66.0	-	IO
FRI38	271A	12.1	2.46	Unknown	Unknown	Under counter	White display panel (temp)	24.0	-	EB
FRI38	272B	11.2	2.62	Unknown	Unknown	Under counter	Knob from A	5.00	-	EB
FRI38	273C	5.14	2.10	Unknown	Unknown	Under counter	Casing attached condenser	28.0	-	IO
FRI38	274D	6.66	2.38	Unknown	Unknown	Under counter	Capacitor	47.0	-	IO
FRI39	275A	0.01	0.00	Unknown	Unknown	Built-in	Casing attached condenser	25.0	-	IO



Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI39	276B	0.00	0.00	Unknown	Unknown	Built-in	Biscuit connectors - white	21.0	-	IO
FRI40	277A	0.00	0.01	Beko	Unknown	Under counter	Black cable housing side fridge	11.0	-	IO
FRI40	278B	5.19	0.01	Beko	Unknown	Under counter	White casing side fridge	21.0	-	EC
FRI40	279C	2.87	0.00	Beko	Unknown	Under counter	Capacitor	69.0	-	IO
FRI40	279D	0.00	0.00	Beko	Unknown	Under counter	Biscuit connector	9.00	-	IO
FRI41	281A	0.63	0.03	Prestige	Unknown	Under counter	Hard plastic drip tray	55.0	-	IF
FRI41	282B	9.78	1.56	Prestige	Unknown	Under counter	Grey wire housing	23.0	-	IO
FRI41	283C	0.70	0.15	Prestige	Unknown	Under counter	Black circular component from condenser box	13.0	-	IO
FRI41	284D	0.00	0.00	Prestige	Unknown	Under counter	Casing attached condenser	30.0	-	IO
FRI42	285A	0.00	0.00	Creda	Unknown	Fridge freezer	Drip tray white opaque	150	-	IF
FRI42	286B	0.01	0.00	Creda	Unknown	Fridge freezer	Casing attached condenser	32.0	-	IO
FRI42	287C	10.5	4.14	Creda	Unknown	Fridge freezer	White switch (connector)	15.0	-	IO
FRI42	288D	0.00	0.00	Creda	Unknown	Fridge freezer	Blue wiring connector housing	36.0	-	IO
FRI43	289A	0.00	0.00	Bush	Unknown	Fridge freezer	White brittle drip tray	76.0	-	IF
FRI43	291B	15.0	2.09	Bush	Unknown	Fridge freezer			-	
FRI43	290B	14.9	2.10	Bush	Unknown	Fridge freezer	Casing attached condenser	34.0	-	IO
FRI43	292C	1.97	0.00	Bush	Unknown	Fridge freezer	Black circular component from condenser box	4.00	-	IO
FRI44	293A	0.00	0.00	Hotpoint	Unknown	Unknown	Blue wiring connector housing	38.0	-	IO
FRI45	294A	0.00	0.00	Lec	Unknown	Unknown	White semi hard drip tray	128	-	IF
FRI45	295B	0.19	0.00	Lec	Unknown	Unknown	Casing attached condenser	33.0	-	IO
FRI45	296C	10.3	5.31	Lec	Unknown	Unknown	White switch box	43.0	-	IO
FRI46	297A	0.02	0.00	Unknown	Unknown	Fridge	Black circular component from condenser box	4.00	-	IO
FRI46	298B	20.2	3.18	Unknown	Unknown	Fridge	Cable tidy	15.0	-	IF
FRI46	299C	4.81	0.01	Unknown	Unknown	Fridge	Casing attached condenser	48.0	-	IO
FRI47	300A	3.43	1.09	Proline	Unknown	Freezer	Casing attached condenser (Wansheng - ROHS)	45.0	-	IO
FRI47	301B	10.7	3.50	Proline	Unknown	Freezer	Black box casing	26.0	-	IO
FRI47	302C	0.00	0.00	Proline	Unknown	Freezer	Casing attached condenser	33.0	-	IO
FRI48	303A	0.17	0.00	Scandinova	Unknown	Freezer	Flexible plastic cover	2.00	-	IF
FRI48	304B	0.00	0.00	Scandinova	Unknown	Freezer	White brittle component cover - small	5.00	-	IF
FRI48	305C	9.80	5.79	Scandinova	Unknown	Freezer	Capacitor	46.0	-	IO
FRI49	306A	0.85	0.22	Servis	Unknown	Fridge freezer	Casing attached condenser	29.0	-	IO
FRI49	307B	0.00	0.00	Servis	Unknown	Fridge freezer	White flexible cable unit	28.0	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI49	308C	0.00	0.00	Servis	Unknown	Fridge freezer	Black circular component from condenser box	4.00	-	IO
FRI49	309D	0.57	0.14	Servis	Unknown	Fridge freezer	White component holder	44.0	-	IO
FRI49	309E	6.62	2.76	Servis	Unknown	Fridge freezer	-	-	-	-
FRI50	311A	0.14	0.05	Unknown	Unknown	Fridge freezer	Casing attached condenser (ROHS)	36.0	-	IO
FRI50	312B	0.00	0.01	Unknown	Unknown	Fridge freezer	Black component holder	16.0	-	IF
FRI51	314A	0.00	0.00	Unknown	Unknown	Fridge freezer	Drip tray	135	-	IF
FRI51	315B	0.00	0.00	Unknown	Unknown	Fridge freezer	Black cable protector	25.0	-	IO
FRI51	316C	7.39	2.17	Unknown	Unknown	Fridge freezer	Cable junction box, white	21.0	-	IO
FRI51	317D	0.00	0.00	Unknown	Unknown	Fridge freezer	White cable switch connector	13.0	-	IO
FRI51	318E	0.01	0.00	Unknown	Unknown	Fridge freezer	Black circular component from condenser box	8.00	-	IO
FRI51	319F	0.00	0.00	Unknown	Unknown	Fridge freezer	White capacitor	-	-	IO
FRI51	319G	0.00	0.00	Unknown	Unknown	Fridge freezer	Compressor housing	-	-	MC
FRI52	321A	19.8	2.79	Daewoo	Unknown	Fridge freezer	Black Compressor housing	49.0	-	MC
FRI52	322B	0.02	0.00	Daewoo	Unknown	Fridge freezer	Black battery housing	17.0	-	MC
FRI52	324C	0.00	0.00	Daewoo	Unknown	Fridge freezer	Black circular component from condenser box	8.00	-	IO
FRI53	325A	9.94	1.97	Amica	Unknown	Freezer	White junction box	38.0	-	IO
FRI53	326B	10.1	2.63	Amica	Unknown	Freezer	White back panel of the junction box	12.0	-	IO
FRI53	327C	1.09	0.00	Amica	Unknown	Freezer	Compressor housing	27.0	-	MC
FRI54	328A	0.00	0.00	Curry's	Essential	Fridge	Grey drip tray	69.0	-	IF
FRI54	329B	0.00	0.00	Curry's	Essential	Fridge	Black compressor housing	60.0	-	MC
FRI54	330C	0.12	0.06	Curry's	Essential	Fridge	Cable connector, black	6.00	-	IO
FRI54	331D	6.57	3.10	Curry's	Essential	Fridge	White side of cable connector	6.00	-	IO
FRI55	332A	0.03	0.00	Electrolux	Unknown	Fridge freezer	The compressor housing, black	18.0	-	MC
FRI55	333B	0.00	0.00	Electrolux	Unknown	Fridge freezer	Clear drip tray	116	-	IF
FRI55	334C	0.02	0.01	Electrolux	Unknown	Fridge freezer	Cable junction box, white	31.0	-	IO
FRI55	335D	6.81	2.77	Electrolux	Unknown	Fridge freezer	Junction box with black battery holder	31.0	-	IO
FRI55	336E	0.35	0.28	Electrolux	Unknown	Fridge freezer	Black battery holder	31.0	-	IO
FRI56	338A	0.00	0.00	Beko	Unknown	Fridge freezer	Compressor housing - black	21.0	-	MC
FRI56	339B	0.00	0.00	Beko	Unknown	Fridge freezer	Battery housing - black	9.00	-	IO
FRI56	340C	0.00	0.00	Beko	Unknown	Fridge freezer	Cable housing - black	9.00	-	IO
FRI56	341D	0.00	0.00	Beko	Unknown	Fridge freezer	White Capacitor	29.0	-	IO
FRI56	342E	0.00	0.00	Beko	Unknown	Fridge freezer	Biscuit connector	-	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI57	343A	8.59	2.78	Proline	Unknown	Fridge	Compressor housing	11.8	-	IO
FRI57	344B	0.02	0.00	Proline	Unknown	Fridge	Cable cover	14.0	-	IO
FRI58	345A	0.00	0.00	Miele	Unknown	Fridge	Black compressor housing	25.0	-	IO
FRI58	346B	0.00	0.00	Miele	Unknown	Fridge	Black battery housing	10.0	-	IO
FRI58	347C	0.00	0.00	Miele	Unknown	Fridge	White case	31.0	-	EB
FRI58	348D	0.00	0.00	Miele	Unknown	Fridge	White cable junction box	10.0	-	IO
FRI59	349A	28.6	5.96	Indesit	Unknown	Freezer	White cable junction box	19.0	-	IO
FRI59	350B	0.00	0.00	Indesit	Unknown	Freezer	Black compressor housing?	60.0	-	MC
FRI59	351C	0.00	0.00	Indesit	Unknown	Freezer	Brown battery housing	-	-	IO
FRI60	352A	17.9	5.48	Nova Scotia	Unknown	Unknown	Black compressor housing	43.0	-	MC
FRI60	353B	11.5	2.38	Nova Scotia	Unknown	Unknown	White battery housing	13.0	-	IO
FRI60	354C	7.58	4.84	Nova Scotia	Unknown	Unknown	White control panel	67.0	-	IO
FRI60	355D	0.00	0.00	Nova Scotia	Unknown	Unknown	White back side of control panel	113	-	IO
FRI60	356E	16.0	6.36	Nova Scotia	Unknown	Unknown	Brown Relay	113	-	IO
FRI60	357F	0.00	0.00	Nova Scotia	Unknown	Unknown	White biscuit connector	-	-	IO
FRI61	358A	0.00	0.00	Bosch	Unknown	Freezer	Clear drip tray	60.0	-	IF
FRI61	359B	0.00	0.00	Bosch	Unknown	Freezer	Black compressor housing	26.0	-	MC
FRI61	360C	8.37	3.25	Bosch	Unknown	Freezer	Cream detector cup	3.00	-	IF
FRI62	361A	5.45	2.18	Unknown	Unknown	Fridge freezer	Grey cable housing	23.0	-	IO
FRI62	362B	0.03	0.01	Unknown	Unknown	Fridge freezer	Black compressor housing	41.0	-	MC
FRI62	363C	0.01	0.03	Unknown	Unknown	Fridge freezer	Black circular component from condenser box	10.0	-	IO
FRI62	363D	0.00	0.00	Unknown	Unknown	Fridge freezer	Battery housing	4.00	-	IO
FRI63	365A	0.00	0.00	Liebher	Unknown	Fridge freezer	White cable (pipe controller)	95.0	-	IO
FRI63	366B	0.00	0.00	Liebher	Unknown	Fridge freezer	PCB housing, black	153	-	IO
FRI63	367C	0.00	0.00	Liebher	Unknown	Fridge freezer	White drip tray	164	-	IF
FRI63	367D	8.25	0.01	Liebher	Unknown	Fridge freezer	PCB - green	115	-	IO
FRI63	367E	0.00	0.00	Liebher	Unknown	Fridge freezer	PCB housing cover - clear	29.0	-	IO
FRI64	370A	13.3	0.41	Unknown	Unknown	Unknown	Grey cable housing	45.0	-	IO
FRI65	371A	4.56	3.21	Lec	Unknown	Fridge	White capacitor	55.0	-	IO
FRI65	372B	5.93	3.65	Lec	Unknown	Fridge	White cable junction box	37.0	-	IO
FRI65	373C	12.7	3.83	Lec	Unknown	Fridge	Black compressor housing	53.0	-	MC
FRI65	374D	0.07	0.13	Lec	Unknown	Fridge	Black circular component from condenser box	7.00	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI66	376A	0.00	0.00	Beko	Unknown	Fridge	White drip tray	112	-	IF
FRI66	377B	0.07	0.00	Beko	Unknown	Fridge	Black compressor housing	15.0	-	MC
FRI66	378C	6.28	3.07	Beko	Unknown	Fridge	White cable housing	22.0	-	IO
FRI66	379D	0.00	0.00	Beko	Unknown	Fridge	Black circular component from condenser box	14.0	-	IO
FRI66	380E	0.01	0.00	Beko	Unknown	Fridge	Capacitor, white	32.0	-	IO
FRI66	380F	0.00	0.00	Beko	Unknown	Fridge	Black cable housing	-	-	IO
FRI67	382A	13.0	6.89	Lec	Unknown	Fridge	Black cable box	44.0	-	IO
FRI67	383B	17.0	9.12	Lec	Unknown	Fridge	Black cable housing	52.0	-	IO
FRI68	384A	0.00	0.00	Lec	Unknown	Fridge	White drip tray	127	-	IF
FRI68	385B	0.18	0.00	Lec	Unknown	Fridge	Black compressor housing	33.0	-	MC
FRI68	386C	8.85	4.96	Lec	Unknown	Fridge	Black battery holder	13.0	-	IO
FRI68	387D	0.01	0.00	Lec	Unknown	Fridge	White cable secure	9.00	-	IO
FRI69	388A	0.00	0.00	Hotpoint	Unknown	Fridge	Black compressor housing	36.0	-	MC
FRI69	389B	5.50	2.69	Hotpoint	Unknown	Fridge	Black cable connector	30.0	-	IO
FRI69	390C	0.00	0.00	Hotpoint	Unknown	Fridge	Black cable secure	21.0	-	IO
FRI70	391A	13.6	0.01	Unknown	Unknown	Built-in	Black compressor housing	32.0	-	MC
FRI70	392B	4.56	2.24	Unknown	Unknown	Built-in	Black circular component from condenser box	38.0	-	IO
FRI70	393C	7.57	2.68	Unknown	Unknown	Built-in	White cable junction box	38.0	-	IO
FRI70	394D	0.00	0.00	Unknown	Unknown	Built-in	White cable tector	19.0	-	IO
FRI71	395A	0.05	0.02	Unknown	Unknown	Built-in	Black compressor housing	11.0	-	MC
FRI71	396B	0.08	0.02	Unknown	Unknown	Built-in	Grey capacitor	15.0	-	IO
FRI71	397C	1.89	0.57	Unknown	Unknown	Built-in	Black battery holder	15.0	-	IO
FRI71	398D	6.50	2.21	Unknown	Unknown	Built-in	Grey cable protector	13.0	-	IO
FRI71	399E	0.01	0.00	Unknown	Unknown	Built-in	Black motor housing	250	-	MC
FRI71	400F	17.5	1.89	Unknown	Unknown	Built-in	Motor cover	-	-	MC
FRI72	401A	2.04	0.27	Unknown	Unknown	Built-in	White capacitor	16.2	-	IO
FRI72	402B	13.6	2.40	Unknown	Unknown	Built-in	Black compressor housing	43.0	-	MC
FRI72	403C	0.00	0.00	Unknown	Unknown	Built-in	Black circular component from condenser box	10.0	-	IO
FRI72	404D	0.00	0.00	Unknown	Unknown	Built-in	Grey fun	13.0	-	F
FRI72	405E	0.00	0.00	Unknown	Unknown	Built-in	Motor outer housing	52.0	-	MC
FRI72	406F	9.25	4.01	Unknown	Unknown	Built-in	White cable junction box	-	-	IO
FRI72	407G	13.4	7.49	Unknown	Unknown	Built-in	White biscuit connector	-	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI72	408H	0.00	0.00	Unknown	Unknown	Built-in	Motor housing	-	-	MC
FRI72	409I	0.00	0.00	Unknown	Unknown	Built-in	Motor top cover	-	-	MC
FRI72	410J	18.9	6.36	Unknown	Unknown	Built-in	Cable socket	-	-	IO
FRI73	411A	0.00	0.00	Zanussi	Unknown	Fridge freezer	White drip tray	108	-	IF
FRI74	412A	8.75	3.49	Beko	Unknown	Fridge freezer	Compressor housing, black	17.0	-	MC
FRI74	413B	0.00	0.00	Beko	Unknown	Fridge freezer	Black cable socket protector	10.0	-	IO
FRI74	414C	0.00	0.01	Beko	Unknown	Fridge freezer	White capacitor	33.0	-	IO
FRI74	414D	7.02	3.32	Beko	Unknown	Fridge freezer	White cable junction	5.00	-	IO
FRI74	414E	0.00	0.00	Beko	Unknown	Fridge freezer	Biscuit connector, white	24.0	-	IO
FRI74	414F	7.89	2.81	Beko	Unknown	Fridge freezer	Black cable housing	36.0	-	IO
FRI74	414G	0.00	0.00	Beko	Unknown	Fridge freezer	Black circular component from condenser box	14.0	-	IO
FRI75	419A	0.00	0.00	Hoover	Unknown	Fridge freezer	White drip tray	109	-	IF
FRI75	420B	0.01	0.00	Hoover	Unknown	Fridge freezer	Black compressor housing	22.0	-	IO
FRI75	421C	0.00	0.00	Hoover	Unknown	Fridge freezer	White capacitor	37.0	-	IO
FRI75	422D	0.00	0.00	Hoover	Unknown	Fridge freezer	White cable junction cover	12.0	-	IO
FRI75	422E	7.29	3.61	Hoover	Unknown	Fridge freezer	White cable cover	11.0	-	IO
FRI75	422F	7.12	3.25	Hoover	Unknown	Fridge freezer	Cable junction white	-	-	IO
FRI76	425A	0.00	0.00	Candy	Unknown	Fridge freezer	Black drip tray	104	-	IF
FRI76	426B	0.67	0.22	Candy	Unknown	Fridge freezer	Capacitor, white	39.0	-	IO
FRI77	427A	4.91	3.26	LG	Unknown	Fridge freezer	Black circular component from condenser box	50.0	-	IO
FRI77	428B	4.04	2.37	LG	Unknown	Fridge freezer	Cable junction	50.0	-	IO
FRI77	429C	8.93	3.89	LG	Unknown	Fridge freezer	White biscuit connector1	10.0	-	IO
FRI77	430D	8.93	4.38	LG	Unknown	Fridge freezer	White biscuit connector2	6.00	-	IO
FRI77	431E	0.00	0.00	LG	Unknown	Fridge freezer	Compressor housing	41.0	-	MC
FRI78	432A	0.00	0.00	Zanussi	Unknown	Fridge freezer	Drip tray, clear	104	-	IF
FRI78	433B	0.00	0.00	Zanussi	Unknown	Fridge freezer	Compressor housing - black	24.0	-	MC
FRI78	434C	8.78	3.88	Zanussi	Unknown	Fridge freezer	White biscuit connector	10.0	-	IO
FRI78	436D	8.58	3.71	Zanussi	Unknown	Fridge freezer	White cable junction - scan2	23.0	-	IO
FRI78	435D	7.93	3.92	Zanussi	Unknown	Fridge freezer	White cable junction - scan1	23.0	-	IO
FRI78	437E	0.08	0.47	Zanussi	Unknown	Fridge freezer	Black circular component from condenser	-	-	IO
FRI78	438F	0.00	0.00	Zanussi	Unknown	Fridge freezer	Cable housing white	16.0	-	IO
FRI79	439A	0.01	0.00	Norfrost	Unknown	Chest freezer	Compressor housing, black	29.0	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI79	440B	0.00	0.00	Norfrost	Unknown	Chest freezer	Cable junction	33.0		IO
FRI79	441C	0.00	0.01	Norfrost	Unknown	Chest freezer	Capacitor, blue	50.0		IO
FRI81	442A	0.00	0.00	Unknown	Unknown	Chest freezer	Cable holder-white	14.0		IO
FRI81	443B	0.00	0.00	Unknown	Unknown	Chest freezer	Cable cover-white	17.0		IO
FRI81	444C	0.00	0.00	Unknown	Unknown	Chest freezer	Compressor housing-blue	26.0		MC
FRI81	445D	0.00	0.00	Unknown	Unknown	Chest freezer	Cable holder-white	10.0		IO
FRI81	446E	6.97	4.12	Unknown	Unknown	Chest freezer	Cable junction-white	13.0		IO
FRI81	447F	0.01	0.00	Unknown	Unknown	Chest freezer	Black circular	10.0		IF
FRI81	448G	0.10	0.00	Unknown	Unknown	Chest freezer	Capacitor white	43.0		IO
FRI82	449A	0.00	0.00	Tricity Bendix	Unknown	Fridge freezer	Drip tray - clear	134		IF
FRI82	450B	0.00	0.00	Tricity Bendix	Unknown	Fridge freezer	Compressor housing - black	25.0		MC
FRI82	451C	0.01	0.00	Tricity Bendix	Unknown	Fridge freezer	Black circular	11.0		IF
FRI82	452D	9.93	4.62	Tricity Bendix	Unknown	Fridge freezer	Battery holder - white	16.0		IO
FRI82	453E	0.00	0.00	Tricity Bendix	Unknown	Fridge freezer	Cable junction box-blue	32.0		IO
FRI83	454A	0.00	0.00	Smeg	Unknown	Fridge	Drip tray? - black	22.0		IF
FRI83	455B	0.11	0.02	Smeg	Unknown	Fridge	Compressor housing - black	30.0		MC
FRI84	457A	0.64	0.01	Proline	Unknown	Fridge	Compressor housing	29.0		MC
FRI84	458B	2.56	0.93	Proline	Unknown	Fridge	Cable protector	12.0		IO
FRI84	459C	0.00	0.00	Proline	Unknown	Fridge	Black circular component from condenser box	9.00		IF
FRI85	464A	12.9	3.64	Unknown	Unknown	Chest freezer	Control panel casing	119		IO
FRI85	465B	0.06	0.04	Unknown	Unknown	Chest freezer	White biscuit connector	119		IO
FRI85	466C	0.00	0.00	Unknown	Unknown	Chest freezer	Black casing	119		IF
FRI85	467D	2.61	0.89	Unknown	Unknown	Chest freezer	Control nob plastic, white	119		IF
FRI85	468E	0.03	0.00	Unknown	Unknown	Chest freezer	Capacitor, white	59.0		IO
FRI85	469F	7.09	4.13	Unknown	Unknown	Chest freezer	Black circular			IF
FRI86	470A	7.47	2.31	Proline	Unknown	Fridge	Black compressor housing	42.0		MC
FRI86	471B	9.91	2.82	Proline	Unknown	Fridge	Grey cable protector	16.0		IO
FRI86	472C	0.01	0.00	Proline	Unknown	Fridge	Black battery holder	12.0		IO
FRI86	473D	3.67	2.04	Proline	Unknown	Fridge	White cable junction box	10.0		IO
FRI86	474E	0.08	0.17	Proline	Unknown	Fridge	Black cable junction box	10.0		IO
FRI87	460A	0.00	0.00	Unknown	Unknown	Built-in Freezer	White compressor housing	15.0		MC
FRI87	461B	0.00	0.00	Unknown	Unknown	Built-in Freezer	Black wire coil	32.0	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI87	462C	0.00	0.00	Unknown	Unknown	Built-in Freezer	Black circular component from condenser box	12.0	-	IO
FRI87	463D	0.00	0.00	Unknown	Unknown	Built-in Freezer	White cable junction box	72.0	-	IO
FRI88	475A	0.00	0.00	Lec	Unknown	Under counter fridge	White clear dripping tray	129	-	IF
FRI88	476B	0.18	0.00	Lec	Unknown	Under counter fridge	Black compressor housing	32.0	-	MC
FRI89	477A	0.00	0.00	Hotpoint	Unknown	Built-in	White clear dripping tray	131	-	MC
FRI89	478B	0.00	0.00	Hotpoint	Unknown	Built-in	White cable junction	15.0	-	IO
FRI89	479C	0.00	0.00	Hotpoint	Unknown	Built-in	Compressor housing, black	29.0	-	MC
FRI89	480D	0.00	0.00	Hotpoint	Unknown	Built-in	Black circular component from condenser box	12.0	-	IF
FRI90	481A	0.00	0.00	Unknown	Unknown	Built-in Fridge Freezer	Blue clear dripping tray	105	-	IF
FRI90	482B	0.00	0.00	Unknown	Unknown	Built-in Fridge Freezer	Blue compressor housing	31.0	-	IF
FRI90	483C	0.01	0.03	Unknown	Unknown	Built-in Fridge Freezer	Black circular component from condenser box	45.0	-	IF
FRI90	484D	9.03	1.70	Unknown	Unknown	Built-in Fridge Freezer	Junction box with back circular	45.0	-	IO
FRI90	485E	0.58	0.12	Unknown	Unknown	Built-in Fridge Freezer	White capacitor	46.0	-	IO
FRI90	486F	0.00	0.00	Unknown	Unknown	Built-in Fridge Freezer	White cable junction	-	-	IO
FRI91	487A	0.00	0.00	Hotpoint	Unknown	Fridge freezer	White dripping tray	149	-	IF
FRI91	488B	0.00	0.00	Hotpoint	Unknown	Fridge freezer	Black compressor housing	26.0	-	MC
FRI91	489C	0.00	0.00	Hotpoint	Unknown	Fridge freezer	Cable secure, black	9.00	-	IO
FRI91	490D	9.29	4.10	Hotpoint	Unknown	Fridge freezer	Battery cover	19.0	-	IO
FRI92	491A	9.09	2.34	Atlanta	Unknown	Under counter Freezer	White control box	87.0	-	IO
FRI92	492B	2.50	1.12	Atlanta	Unknown	Under counter Freezer	Grey relay control box	12.0	-	IO
FRI92	493C	1.62	0.00	Atlanta	Unknown	Under counter Freezer	Black circular component from condenser box	10.0	-	IF
FRI92	494D	0.02	0.00	Atlanta	Unknown	Under counter Freezer	Black battery casing	5.00	-	IO
FRI93	495A	0.00	0.00	Electrolux	Unknown	Under counter Fridge	White clear dripping tray	70.0	-	IF
FRI93	496B	0.20	0.00	Electrolux	Unknown	Under counter Fridge	Black compressor housing	34.0	-	MC
FRI93	497C	0.00	0.00	Electrolux	Unknown	Under counter Fridge	Capacitor, clear	50.0	-	IO
FRI93	498D	10.5	4.24	Electrolux	Unknown	Under counter Fridge	Battery holder, white	12.0	-	IO
FRI93	499E	0.00	0.00	Electrolux	Unknown	Under counter Fridge	Cable secure	10.0	-	IO
FRI94	500A	0.00	0.00	Whirlpool	Unknown	Built-in fridge freezer	Clear dripping tray	58.0	-	IF
FRI94	501B	0.02	0.00	Whirlpool	Unknown	Built-in fridge freezer	Black circular component from condenser box	8.00	-	IF
FRI95	502A	0.00	0.00	Unknown	Unknown	Built-in fridge	Light grey cable housing	35.0	-	IO
FRI95	503B	0.00	0.00	Unknown	Unknown	Built-in fridge	Black condenser housing	27.0	-	MC



Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI95	504C	0.01	0.00	Unknown	Unknown	Built-in fridge	White cable junction	14.0	-	IO
FRI96	505A	2.34	0.00	Fridgemaster	Unknown	Under counter fridge	Grey capacitor	47.0	-	
FRI96	506B	0.00	0.00	Fridgemaster	Unknown	Under counter fridge	Black battery cover	13.0	-	
FRI96	507C	6.59	0.00	Fridgemaster	Unknown	Under counter fridge	Compressor housing, black	73.0	-	
FRI96	508D	5.25	1.71	Fridgemaster	Unknown	Under counter fridge	White part of cable connector	9.00	-	
FRI96	509E	0.39	0.01	Fridgemaster	Unknown	Under counter fridge	Black part of cable connector	9.00	-	
FRI97	510A	0.00	0.00	Lec	Unknown	Under counter fridge	Black compressor housing	33.0	-	IO
FRI98	511A	0.00	0.00	Beko	Unknown	Fridge freezer	White/clear dripping tray	87.0	-	IO
FRI98	512B	0.00	0.00	Beko	Unknown	Fridge freezer	White capacitor	36.0	-	MC
FRI98	513C	0.00	0.00	Beko	Unknown	Fridge freezer	Biscuit connector, white	23.0	-	IO
FRI98	514D	0.00	0.00	Beko	Unknown	Fridge freezer	Black socket protector	12.0	-	IO
FRI98	515E	0.00	0.00	Beko	Unknown	Fridge freezer	Black circular component from condenser box	10.0	-	MC
FRI98	516F	0.01	0.00	Beko	Unknown	Fridge freezer	Compressor housing	27.0	-	MC
FRI98	517G	6.55	3.97	Beko	Unknown	Fridge freezer	White cable junction	15.0	-	IO
FRI99	518A	0.00	0.00	Unknown	Unknown	Built-in fridge	White drip tray	55.0	-	IF
FRI99	519B	0.00	0.00	Unknown	Unknown	Built-in fridge	Cable housing white	15.0	-	IO
FRI99	520C	0.00	0.03	Unknown	Unknown	Built-in fridge	Cream motor	19.0	-	MC
FRI99	521D	0.00	0.00	Unknown	Unknown	Built-in fridge	Black fan	9.00	-	F
FRI99	522E	0.15	0.00	Unknown	Unknown	Built-in fridge	Black compressor housing	28.0	-	MC
FRI99	523F	0.00	0.00	Unknown	Unknown	Built-in fridge	Motor housing, green	273	-	MC
FRI99	524G	9.14	4.25	Unknown	Unknown	Built-in fridge	Battery housing white	14.0	-	IO
FRI100	525A	0.00	0.00	Unknown	Unknown	Fridge freezer	White control pane front	55.0	-	IO
FRI100	526B	0.00	0.00	Unknown	Unknown	Fridge freezer	Black compressor housing	30.0	-	MC
FRI100	527C	0.46	0.00	Unknown	Unknown	Fridge freezer	White capacitor	39.0	-	IO
FRI100	528D	0.09	0.28	Unknown	Unknown	Fridge freezer	Black circular component from condenser box	10.0	-	IF
FRI100	539E	0.00	0.00	Unknown	Unknown	Fridge freezer	White cable junction	14.0	-	IO
FRI100	560F	0.00	0.00	Unknown	Unknown	Fridge freezer	White control panel front second part	55.0	-	IO
FRI101	531A	12.4	4.53	Currys	Essential	Chest freezer	White control box cover	90.0	-	IO
FRI101	533B	11.2	4.29	Currys	Essential	Chest freezer	Control box cover front	96.0	-	IO
FRI101	534C	3.82	1.16	Currys	Essential	Chest freezer	Control unit, grey	96.0	-	IO
FRI101	535D	0.02	0.00	Currys	Essential	Chest freezer	Compressor housing, black	76.0	-	MC
FRI102	536A	10.1	2.70	Fridgemaster	Unknown	Freezer	White control box cover	96.0	-	IO



Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI102	537B	4.63	3.74	Fridgemaster	Unknown	Freezer	Grey control box top	56.0	-	IO
FRI102	538C	3.62	1.55	Fridgemaster	Unknown	Freezer	White part junction box	10.0	-	IO
FRI102	539D	0.08	0.28	Fridgemaster	Unknown	Freezer	Black part junction box	10.0	-	IO
FRI103	540A	0.00	0.00	John Lewis	Unknown	Under counter freezer	Clear dripping tray	97.0	-	IF
FRI103	541B	19.9	3.59	John Lewis	Unknown	Under counter freezer	Cream junction box	58.0	-	IO
FRI103	542C	0.00	0.00	John Lewis	Unknown	Under counter freezer	White cable protector	15.0	-	IO
FRI103	543D	13.0	0.00	John Lewis	Unknown	Under counter freezer	Black compressor housing	31.0	-	MC
FRI103	544E	0.09	0.09	John Lewis	Unknown	Under counter freezer	Black circular component from condenser box	11.0	-	IF
FRI104	545A	0.00	0.00	Brandt	Unknown	Fridge freezer	Clear dripping tray	75.0	-	IF
FRI104	546B	0.00	0.00	Brandt	Unknown	Fridge freezer	Black compressor housing	22.0	-	MC
FRI104	547C	0.00	0.00	Brandt	Unknown	Fridge freezer	Black circular component from condenser box	11.0	-	IF
FRI104	548D	0.00	0.00	Brandt	Unknown	Fridge freezer	White cable protector	19.0	-	IO
FRI105	549A	0.00	0.00	Unknown	Unknown	Built-in fridge	Black compressor housing	17.0	-	MC
FRI105	550B	0.00	0.00	Unknown	Unknown	Built-in fridge	White-grey protector	219	-	IF
FRI105	551C	1.85	0.60	Unknown	Unknown	Built-in fridge	White cable junction protector	11.0	-	IO
FRI106	552A	7.66	2.12	Unknown	Unknown	-	Brown capacitor	70.0	-	IO
FRI106	553B	0.06	0.02	Unknown	Unknown	-	Black compressor housing	40.0	-	MC
FRI106	554C	10.3	2.89	Unknown	Unknown	-	White cable protector	16.0	-	IO
FRI106	555D	0.08	0.22	Unknown	Unknown	-	Black circular component from condenser box	11.0	-	IF
FRI106	556E	0.00	0.00	Unknown	Unknown	-	Black battery housing	10.0	-	IO
FRI106	557F	1.60	0.41	Unknown	Unknown	-	White pipe	10.0	-	IF
FRI107	558A	0.00	0.00	Lec	Unknown	Fridge freezer	Black compressor housing 1	24.0	-	IO
FRI107	559B	0.16	0.00	Lec	Unknown	Fridge freezer	Black compressor housing 2	32.0	-	IO
FRI107	560C	0.00	0.00	Lec	Unknown	Fridge freezer	Black cable secure	9.00	-	IO
FRI107	561D	7.15	3.51	Lec	Unknown	Fridge freezer	Black battery casing	15.0	-	IO
FRI107	562E	0.00	0.00	Lec	Unknown	Fridge freezer	Clear white drip tray	129	-	IF
FRI108	563A	0.00	0.00	Icepoint	Unknown	Fridge freezer	White drip tray	73.0	-	IF
FRI108	564B	4.67	0.58	Icepoint	Unknown	Fridge freezer	Black cable protector	21.0	-	IO
FRI108	565C	0.00	0.01	Icepoint	Unknown	Fridge freezer	White biscuit connector	16.0	-	IO
FRI109	566A	0.02	0.02	Unknown	Unknown	Built-in fridge	White drip tray	128	-	IF
FRI109	567B	0.00	0.00	Unknown	Unknown	Built-in fridge	White switch junction	16.0	-	IO
FRI109	568C	0.00	0.00	Unknown	Unknown	Built-in fridge	Black compressor housing	26.0	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI109	569D	7.98	2.84	Unknown	Unknown	Built-in fridge	White battery cover	37.0	-	IO
FRI109	570E	0.02	0.08	Unknown	Unknown	Built-in fridge	Black circular component from condenser box	37.0	-	IF
FRI110	571A	0.10	0.02	Hotpoint	Unknown	Built-in fridge	Black drip try	68.0	-	IF
FRI110	572B	0.99	0.01	Hotpoint	Unknown	Built-in fridge	Black compressor housing	20.0	-	MC
FRI110	573C	3.07	1.05	Hotpoint	Unknown	Built-in fridge	Grey capacitor	37.0	-	IO
FRI110	574D	0.00	0.00	Hotpoint	Unknown	Built-in fridge	Black battery housing	37.0	-	IO
FRI110	575E	0.00	0.00	Hotpoint	Unknown	Built-in fridge	White body	15.0	-	EB
FRI110	576F	1.13	0.00	Hotpoint	Unknown	Built-in fridge	Cable protector white	10.0	-	IO
FRI111	577A	10.0	1.32	Unknown	Unknown	Chest freezer	White control box cover	184	-	IO
FRI111	578B	0.00	0.00	Unknown	Unknown	Chest freezer	Grey compressor housing	81.0	-	MC
FRI111	579C	0.00	0.00	Unknown	Unknown	Chest freezer	Black circular component from condenser box	11.0	-	IF
FRI111	580D	0.00	0.00	Unknown	Unknown	Chest freezer	White biscuit connector	184	-	IO
FRI111	581E	0.00	0.00	Unknown	Unknown	Chest freezer	Control unit cover, white	184	-	IO
FRI112	582A	0.00	0.00	Whirlpool	Unknown	Built-in freezer	White drip tray	89.0	-	IF
FRI112	583B	0.00	0.00	Whirlpool	Unknown	Built-in freezer	Black cable secure	12.0	-	IO
FRI113	584A	0.83	0.14	LG	Unknown	Under counter fridge	Black compressor housing	31.0	-	MC
FRI113	585B	8.73	4.05	LG	Unknown	Under counter fridge	White biscuit connector	15.0	-	IO
FRI113	586C	0.12	0.26	LG	Unknown	Under counter fridge	Black cable connector	10.0	-	IO
FRI113	587D	5.96	2.40	LG	Unknown	Under counter fridge	White cable connector	10.0	-	IO
FRI114	588A	0.00	0.00	Beko	Unknown	Under counter fridge	Clear drip tray	105	-	IF
FRI114	589B	0.01	2.60	Beko	Unknown	Under counter fridge	Blue cable junction box	32.0	-	IO
FRI114	590C	0.00	0.02	Beko	Unknown	Under counter fridge	Black compressor housing	32.0	-	MC
FRI114	591D	0.05	0.44	Beko	Unknown	Under counter fridge	White capacitor	64.0	-	IO
FRI115	592A	0.00	0.00	Beko	Unknown	Unknown	Clear drip tray	119	-	IF
FRI115	593B	0.00	0.00	Beko	Unknown	Unknown	Black compressor housing	26.0	-	MC
FRI115	594C	0.00	0.01	Beko	Unknown	Unknown	White capacitor	34.0	-	IO
FRI115	595D	0.00	0.00	Beko	Unknown	Unknown	White cable junction	24.0	-	IO
FRI115	596E	7.26	2.03	Beko	Unknown	Unknown	White battery housing	37.0	-	IO
FRI115	597F	3.60	2.12	Beko	Unknown	Unknown	Black circular component from condenser	37.0	-	IF
FRI116	598A	3.89	0.00	Beko	Unknown	Built-in fridge	White compressor housing	32.0	-	MC
FRI116	600B	1.31	0.36	Beko	Unknown	Built-in fridge	Black connector box	9.00	-	IO
FRI116	601C	13.3	0.00	Beko	Unknown	Built-in fridge	White biscuit connector	7.00	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI116	602D	8.16	3.30	Beko	Unknown	Built-in fridge	White connector box	10.0	-	IO
FRI116	603E	0.02	0.04	Beko	Unknown	Built-in fridge	Black side of connector box	10.0	-	IO
FRI116	604F	12.4	6.90	Beko	Unknown	Built-in fridge	White junction box	-	-	IO
FRI117	605A	0.54	0.31	Lec	Unknown	Fridge freezer	White drip tray	75.0	-	IF
FRI117	606B	9.42	3.16	Lec	Unknown	Fridge freezer	Blue cable connector box	14.0	-	IO
FRI117	607C	0.43	0.07	Lec	Unknown	Fridge freezer	Grey capacitor	51.0	-	IO
FRI117	608D	6.85	3.94	Lec	Unknown	Fridge freezer	White battery holder	15.0	-	IO
FRI117	609E	0.01	0.00	Lec	Unknown	Fridge freezer	Black circular component from condenser box	10.0	-	IF
FRI118	610A	0.00	0.00	Hotpoint	Unknown	Under counter	White cover	11.0	-	EB
FRI118	611B	0.00	0.00	Hotpoint	Unknown	Under counter	Black compressor housing	36.0	-	MC
FRI118	612C	0.00	0.00	Hotpoint	Unknown	Under counter	Cable secure, black	22.0	-	IO
FRI118	613D	4.07	1.77	Hotpoint	Unknown	Under counter	Black cable junction	30.0	-	IO
FRI119	614A	1.84	0.88	Lec	Unknown	Fridge freezer	White capacitor	14.0	-	IO
FRI119	615B	4.79	0.00	Lec	Unknown	Fridge freezer	White compressor housing	31.0	-	MC
FRI119	616C	4.92	1.06	Lec	Unknown	Fridge freezer	Cream cable junction box	14.0	-	IO
FRI119	617D	11.1	6.35	Lec	Unknown	Fridge freezer	Cream cable secure	21.0	-	IO
FRI120	618A	0.00	0.00	Candy	Unknown	Built-in freezer	White cable protector	30.0	-	IO
FRI120	619B	0.00	0.00	Candy	Unknown	Built-in freezer	Clear junction box	11.0	-	IO
FRI120	620C	0.00	0.00	Candy	Unknown	Built-in freezer	White cable protector 2	77.0	-	IO
FRI120	621D	10.6	3.16	Candy	Unknown	Built-in freezer	Grey cable protector3	17.0	-	IO
FRI120	622E	20.6	3.38	Candy	Unknown	Built-in freezer	Black compressor housing	49.0	-	MC
FRI120	623F	0.00	0.00	Candy	Unknown	Built-in freezer	Black battery holder	1.00	-	IO
FRI120	624G	14.8	0.94	Candy	Unknown	Built-in freezer	Battery motor housing cover black	346	-	MC
FRI120	625H	19.7	1.92	Candy	Unknown	Built-in freezer	Motor cover black	346	-	MC
FRI120	626I	5.64	1.22	Candy	Unknown	Built-in freezer	Capacitor white	52.0	-	IO
FRI121	627A	0.00	0.00	Unknown	Unknown	Under counter fridge	Black compressor housing	17.0	-	MC
FRI121	628B	0.00	0.02	Unknown	Unknown	Under counter fridge	Cream junction box	89.0	-	IO
FRI122	629A	0.00	0.00	Proline	Unknown	Under counter fridge	Black drip try	74.0	-	IF
FRI122	630B	0.01	0.00	Proline	Unknown	Under counter fridge	Black battery cover	15.0	-	IO
FRI122	631C	11.2	4.25	Proline	Unknown	Under counter fridge	Grey cable junction cover	16.0	-	IO
FRI122	632D	0.00	0.02	Proline	Unknown	Under counter fridge	Black junction box	9.00	-	IO
FRI122	633E	4.60	2.01	Proline	Unknown	Under counter fridge	White junction box	9.00	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI122	634F	6.19	2.95	Proline	Unknown	Under counter fridge	White capacitor	46.0	-	IO
FRI122	635G	6.76	2.01	Proline	Unknown	Under counter fridge	Compressor housing black	43.0	-	MC
FRI123	636A	0.00	0.00	Beko	Unknown	Fridge	White compressor housing	341	-	MC
FRI123	637B	1.26	0.25	Beko	Unknown	Fridge	White capacitor	69.0	-	IO
FRI123	638C	0.00	0.00	Beko	Unknown	Fridge	Black battery cover	14.0	-	IO
FRI123	639D	9.48	5.66	Beko	Unknown	Fridge	White cable secure	10.0	-	IO
FRI124	640A	0.01	0.00	Unknown	Unknown	Full length freezer	Blue compressor housing	32.0	-	MC
FRI124	641B	0.00	0.00	Unknown	Unknown	Full length freezer	White cable junction	12.0	-	IO
FRI124	642C	0.01	0.00	Unknown	Unknown	Full length freezer	Black circular component from condenser box	8.00	-	IF
FRI125	643A	0.00	0.00	Hotpoint	Unknown	Fridge	Black box	34.0	-	IF
FRI125	644B	0.07	0.00	Hotpoint	Unknown	Fridge	Black compressor housing	24.0	-	MC
FRI125	645C	2.73	1.16	Hotpoint	Unknown	Fridge	White capacitor	37.0	-	IO
FRI125	646D	0.00	0.00	Hotpoint	Unknown	Fridge	Black circular component from condenser box	10.0	-	IF
FRI125	647E	0.00	0.00	Hotpoint	Unknown	Fridge	White biscuit connector	7.00	-	IO
FRI125	648F	0.00	0.00	Hotpoint	Unknown	Fridge	White cable secure	12.0	-	IO
FRI125	649G	12.8	2.28	Hotpoint	Unknown	Fridge	White battery holder	11.0	-	IO
FRI127	650A	0.00	0.00	Indesit	Unknown	Fridge freezer	Clear drip tray	118	-	IF
FRI127	651B	0.00	0.00	Indesit	Unknown	Fridge freezer	Black compressor housing	43.0	-	MC
FRI127	652C	0.77	0.12	Indesit	Unknown	Fridge freezer	White capacitor	28.0	-	IO
FRI127	653D	0.00	0.00	Indesit	Unknown	Fridge freezer	Grey cable junction	22.0	-	IO
FRI128	654A	0.00	0.00	Electra	Unknown	Fridge freezer	Black drip tray	92.0	-	IF
FRI129	655A	0.01	0.00	Zanussi	Unknown	Built-in Fridge freezer	White cable junction	9.00	-	IO
FRI130	656A	0.00	0.00	Hotpoint	Unknown	Fridge freezer	Compressor housing black	29.0	-	MC
FRI130	657B	0.00	0.00	Hotpoint	Unknown	Fridge freezer	Black cable secure	9.00	-	IO
FRI131	658A	0.02	0.06	Zanussi/ Electrolux	Unknown	Fridge freezer	Black compressor housing	35.0	-	MC
FRI131	659B	4.85	4.97	Zanussi/ Electrolux	Unknown	Fridge freezer	Black junction box	38.0	-	IO
FRI132	660A	0.01	0.00	Hotpoint	Unknown	Full length freezer	Black compressor housing	27.0	-	MC
FRI132	661B	0.02	0.00	Hotpoint	Unknown	Full length freezer	White junction box	7.00	-	IO
FRI132	662C	7.61	4.62	Hotpoint	Unknown	Full length freezer	White cable box	18.0	-	IO
FRI132	663D	0.00	0.00	Hotpoint	Unknown	Full length freezer	White cable secure	8.00	-	IO
FRI132	664E	0.69	0.21	Hotpoint	Unknown	Full length freezer	Grey capacitor	38.0	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI133	665A	0.00	0.00	Hoover	Unknown	Freezer	Black compressor housing	22.0	-	MC
FRI133	666B	0.00	0.00	Hoover	Unknown	Freezer	Compressor housing	28.0	-	MC
FRI133	667C	5.08	2.70	Hoover	Unknown	Freezer	White junction box	7.00	-	IO
FRI133	669D	0.01	0.00	Hoover	Unknown	Freezer	Black circular component from condenser box	10.0	-	IF
FRI133	670E	0.00	0.00	Hoover	Unknown	Freezer	White cable secure	9.00	-	IO
FRI134	671A	0.00	0.00	Hoover	Unknown	Fridge freezer	White cable secure	11.0	-	IO
FRI134	672B	0.00	0.00	Hoover	Unknown	Fridge freezer	White capacitor	36.0	-	IO
FRI134	673C	6.57	4.38	Hoover	Unknown	Fridge freezer	White connector box	13.0	-	IO
FRI134	674D	13.7	0.00	Hoover	Unknown	Fridge freezer	Black compressor housing	25.0	-	MC
FRI135	675A	16.5	3.02	Hotpoint	Unknown	Freezer	Black compressor housing	56.0	-	MC
FRI135	676B	5.63	2.19	Hotpoint	Unknown	Freezer	Black junction box	13.0	-	IO
FRI135	677C	20.0	3.18	Hotpoint	Unknown	Freezer	Black cable secure	14.0	-	IO
FRI136	678A	11.7	5.56	Unknown	Unknown	Chest freezer	White control box	74.0	-	IO
FRI136	679B	0.02	0.00	Unknown	Unknown	Chest freezer	Compressor housing	28.0	-	MC
FRI136	680C	0.00	0.00	Unknown	Unknown	Chest freezer	Gray cable junction box	39.0	-	IO
FRI136	681D	0.00	0.00	Unknown	Unknown	Chest freezer	Light connector - white	5.00	-	IO
FRI136	682E	0.01	0.00	Unknown	Unknown	Chest freezer	Black circular	10.0	-	IF
FRI137	683A	0.00	0.00	Bloomberg	Unknown	Full length freezer	Compressor housing black	38.0	-	MC
FRI137	684B	0.57	0.12	Bloomberg	Unknown	Full length freezer	White capacitor	46.0	-	IO
FRI137	685C	0.03	0.02	Bloomberg	Unknown	Full length freezer	Black cable secure	9.00	-	IO
FRI137	686D	0.00	0.00	Bloomberg	Unknown	Full length freezer	Black circular	13.0	-	IF
FRI138	687A	0.00	0.00	Samsung	Unknown	American fridge freezer	Fan housing white	40.0	-	F
FRI138	688B	0.00	0.00	Samsung	Unknown	American fridge freezer	Fan white	23.0	-	F
FRI138	689C	0.00	0.00	Samsung	Unknown	American fridge freezer	Compressor housing black	36.0	-	MC
FRI138	690D	0.00	0.05	Samsung	Unknown	American fridge freezer	Fan motor housing white	184	-	F
FRI138	691E	7.03	3.35	Samsung	Unknown	American fridge freezer	Converter black	54.0	-	IF
FRI138	692F	0.00	0.03	Samsung	Unknown	American fridge freezer	Junction box black	10.0	-	IO
FRI138	693G	9.05	5.04	Samsung	Unknown	American fridge freezer	Junction box white	10.0	-	IO
FRI138	694H	0.00	0.00	Samsung	Unknown	American fridge freezer	Black cover	11.0	-	IF
FRI139	695A	0.00	0.00	Beko	Unknown	Under counter freezer	Black cable secure	17.0	-	IO
FRI139	696B	4.83	1.19	Beko	Unknown	Under counter freezer	Connector white	10.0	-	IO
FRI139	697C	0.00	0.02	Beko	Unknown	Under counter freezer	Connector black	10.0	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI139	698D	7.36	2.87	Beko	Unknown	Under counter freezer	Compressor housing black	33.0	-	MC
FRI140	699A	0.00	0.00	Unknown	Unknown	Fridge	Grey drip tray	85.0	-	IF
FRI140	700B	4.91	0.01	Unknown	Unknown	Fridge	Compressor housing black	49.0	-	MC
FRI140	701C	33.8	6.50	Unknown	Unknown	Fridge	Cable secure black	18.0	-	IO
FRI140	702D	0.00	0.00	Unknown	Unknown	Fridge	Black circular	6.00	-	IF
FRI141	703A	0.00	0.00	Unknown	Unknown	Freezer	Compressor housing black	49.0	-	MC
FRI141	704B	0.00	0.00	Unknown	Unknown	Freezer	Black cable secure	6.00	-	IO
FRI141	705C	0.01	0.00	Unknown	Unknown	Freezer	Battery holder black	7.00	-	IO
FRI142	707B	0.00	0.00	Unknown	Unknown	Built-in freezer	Compressor housing black	34.0	-	MC
FRI142	706A	0.16	0.00	Unknown	Unknown	Built-in freezer	Battery housing, black	14.0	-	IO
FRI143	2A	0.00	-	Hotpoint	Unknown	Under counter freezer	Compressor housing, black	63.0	-	MC
FRI143	3B	0.00	-	Hotpoint	Unknown	Under counter freezer	Cable junction, white side	9.00	-	IO
FRI143	4C	0.00	-	Hotpoint	Unknown	Under counter freezer	Cable junction brown side	9.00	-	IO
FRI143	5D	0.00	-	Hotpoint	Unknown	Under counter freezer	White control box	116	-	IO
FRI143	6E	0.00	-	Hotpoint	Unknown	Under counter freezer	Battery housing black	14.0	-	IO
FRI144	7A	0.00	-	Beko	Unknown	Under counter fridge	Compressor housing, black	40.0	-	MC
FRI144	8B	0.00	-	Beko	Unknown	Under counter fridge	Cable junction, black	20.0	-	IO
FRI144	9C	0.00	-	Beko	Unknown	Under counter fridge	Cable secure, black	13.0	-	IO
FRI144	10D	0.76	-	Beko	Unknown	Under counter fridge	Cable secure, black	7.00	-	IO
FRI145	57A	11.1	-	Lec	Unknown	Under counter fridge	Compressor housing, black	50.0	-	MC
FRI145	58B	6.40	-	Lec	Unknown	Under counter fridge	Black junction box	45.0	-	IO
FRI146	59A	1.07	-	Iceking	Unknown	Under counter fridge	Compressor housing, black	60.0	-	MC
FRI146	60B	0.69	-	Iceking	Unknown	Under counter fridge	Battery housing black	13.0	-	IO
FRI147	61A	0.12	-	Unknown	Unknown	Under counter	Grey capacitor	56.0	-	IO
FRI147	62B	0.00	-	Unknown	Unknown	Under counter	Black circular component from condenser box	12.0	-	IF
FRI147	63C	0.05	-	Unknown	Unknown	Under counter	Black cable housing	23.0	-	IC
FRI147	64D	0.06	-	Unknown	Unknown	Under counter	Compressor housing, black	23.0	-	MC
FRI148	65A	0.00	-	Unknown	Unknown	Built-in	White housing	186	-	IF
FRI148	66B	0.01	-	Unknown	Unknown	Built-in	Black compressor housing	59.0	-	MC
FRI148	67C	0.00	-	Unknown	Unknown	Built-in	Black circular component from condenser box	9.00	-	IF
FRI148	67D	0.00	-	Unknown	Unknown	Built-in	Grey pipe	25.0	-	IF
FRI149	69A	0.00	-	Logik	Unknown	Built-in freezer	Grey dripping tray	67.0	-	IF

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Wt. (g)	Total Wt. (kg)	Comp cat.
FRI149	70B	0.01	-	Logik	Unknown	Built-in freezer	Black compressor housing	58.0	-	MC
FRI149	71C	1.16	-	Logik	Unknown	Built-in freezer	Black battery housing	14.0	-	IO
FRI150	72A	0.03	-	Zanussi	Unknown	Under counter Fridge	Black compressor housing	34.0	-	MC
FRI150	73B	9.32	-	Zanussi	Unknown	Under counter Fridge	White battery holder	4.00	-	IO
FRI150	74C	0.00	-	Zanussi	Unknown	Under counter Fridge	Blue cable junction	34.0	-	IO
FRI151	158	0.00	-	-	-	-	Polyurethane foam	-	-	IF
FRI152	157	0.00	-	-	-	-	Polyurethane foam	-	-	IF
FRI153	86	0.00	-	-	-	-	Polyurethane foam	-	-	IF
FRI154	159	0.00	-	-	-	-	Polyurethane foam	-	-	IF
FRI155	84	0.00	-	-	-	-	Polyurethane foam	-	-	IF
FRI156	85	0.00	-	-	-	-	Polyurethane foam	-	-	IF
FRI157	160	0.02	-	-	-	-	Polyurethane foam	-	-	IF
FRI158	87	0.01	-	-	-	-	Polyurethane foam	-	-	IF
FRI159	161	0.00	-	-	-	-	Polyurethane foam	-	-	IF
FRI160	88	0.00	-	-	-	-	Polyurethane foam	-	-	IF

Site Name
Sims, Newport

Component category key:							
EB - External fixings	EC - External casing	FO - Foam	G - Cogs and gears	IF - Internal framework	IO - Electrical casings	MC - Motor and heater casing	F - Fans and fan housings

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Total Wt. (kg)	Comp. category
FRI1	154A	0.00	0.00	Beko	Unknown	Unknown	Fan	-	F
FRI1	155B	6.60	2.60	Beko	Unknown	Unknown	Fan motor casing	-	F
FRI1	157C	2.03	0.44	Beko	Unknown	Unknown	Fridge frame	-	EC
FRI2	158A	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Ice cube maker casing top	-	EB
FRI2	159B	5.39	3.06	Maytag	MII GC2225GEKB	Fridge freezer	Ice cube maker casing base	-	EB
FRI2	160C	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Ice cube maker casing frame	-	EB
FRI2	161D	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Ice cube maker casing frame	-	EB
FRI2	162E	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Ice cube maker roller	-	MC
FRI2	163F	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Inner cable	-	IO
FRI2	164G	0.00	0.41	Maytag	MII GC2225GEKB	Fridge freezer	External control panel	-	EB
FRI2	165H	0.00	0.40	Maytag	MII GC2225GEKB	Fridge freezer	External casing	-	EC
FRI2	166I	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Bulb support	-	IO
FRI2	167J	0.00	0.03	Maytag	MII GC2225GEKB	Fridge freezer	Cable connector	-	IO
FRI2	168K	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Outer casing	-	EC
FRI2	169L	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Inner frame	-	IF
FRI2	170M	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Panel	-	EB
FRI2	171N	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Ice cube dispenser frame	-	EB
FRI2	172O	0.00	0.00	Maytag	MII GC2225GEKB	Fridge freezer	Ice cube dispenser casing	-	EB
FRI2	173P	6.06	2.57	Maytag	MII GC2225GEKB	Fridge freezer	Cog	-	IF
FRI2	174Q	7.17	3.01	Maytag	MII GC2225GEKB	Fridge freezer	Inner frame	-	IF
FRI3	175A	0.00	0.00	Samsung	SR-S2026CVW	-	External casing	-	EC
FRI3	176B	2.56	1.13	Samsung	SR-S2026CVW	-	Bulb holder	-	IO
FRI3	177C	0.00	0.00	Samsung	SR-S2026CVW	-	Motor casing	-	MC
FRI3	178D	0.00	0.00	Samsung	SR-S2026CVW	-	Fan	-	F
FRI3	179E	0.00	0.10	Samsung	SR-S2026CVW	-	Moto casing	-	MC
FRI3	180F	0.00	0.00	Samsung	SR-S2026CVW	-	Fan frame	-	F



Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Total Wt. (kg)	Comp. category
FRI3	181G	0.00	0.00	Samsung	SR-S2026CVW	-	Frame	-	EC
FRI3	182H	12.6	3.80	Samsung	SR-S2026CVW	-	Outer casing front	-	EC
FRI3	183I	13.2	4.13	Samsung	SR-S2026CVW	-	Outer casing back	-	EC
FRI3	184J	0.00	0.00	Samsung	SR-S2026CVW	-	Cable connector	-	IO
FRI4	185A	0.00	0.00	Samsung	RS21NCNS	-	Covering panel	-	EB
FRI4	186B	0.00	0.00	Samsung	RS21NCNS	-	Outer frame	-	EC
FRI4	187C	6.89	3.01	Samsung	RS21NCNS	-	Bulb support	-	IO
FRI4	188D	0.00	0.00	Samsung	RS21NCNS	-	Frame	-	EB
FRI5	189A	0.00	0.00	Smeg	RSH5UBTS	-	Inner frame	-	IF
FRI5	190B	0.01	0.02	Smeg	RSH5UBTS	-	Motor casing	-	MC
FRI5	191C	0.00	0.00	Smeg	RSH5UBTS	-	Motor casing	-	MC
FRI5	192D	0.01	0.04	Smeg	RSH5UBTS	-	Motor cover	-	MC
FRI5	193E	0.00	0.00	Smeg	RSH5UBTS	-	Motor casing frame	-	MC
FRI5	194F	11.1	1.96	Smeg	RSH5UBTS	-	Controls panel casing	-	EB
FRI5	195G	0.00	0.00	Smeg	RSH5UBTS	-	Ice maker guard	-	IF
FRI5	196H	0.00	0.00	Smeg	RSH5UBTS	-	Fan casing	-	F
FRI5	197I	0.06	0.00	Smeg	RSH5UBTS	-	Outer casing	-	EC
FRI5	198J	0.00	0.00	Smeg	RSH5UBTS	-	Outer casing	-	EC
FRI5	199K	0.00	0.00	Smeg	RSH5UBTS	-	Motor casing	-	MC
FRI5	200L	0.00	0.00	Smeg	RSH5UBTS	-	Inner casing	-	IF
FRI5	201M	0.00	0.00	Smeg	RSH5UBTS	-	Inner frame	-	IF
FRI5	202N	0.00	0.00	Smeg	RSH5UBTS	-	Pipe connector	-	IF
FRI5	203O	0.00	0.00	Smeg	RSH5UBTS	-	Pipe	-	IF
FRI5	204P	0.00	0.00	Smeg	RSH5UBTS	-	Inner casing	-	IF
FRI6	420A	0.00	0.00	Samsung	R521DCSV	-	Electrical mechanism casing	-	IO
FRI6	421B	0.00	0.00	Samsung	R521DCSV	-	Electrical mechanism casing	-	IO
FRI6	422C	10.9	3.82	Samsung	R521DCSV	-	Control panel casing	-	EB
FRI6	423D	11.6	3.96	Samsung	R521DCSV	-	Control panel casing	-	EB
FRI6	424E	22.9	5.39	Samsung	R521DCSV	-	Cable holder	-	IO
FRI6	425F	0.00	0.00	Samsung	R521DCSV	-	Pipe connector	-	IF
FRI6	426G	0.00	0.00	Samsung	R521DCSV	-	Component casing	-	IO
FRI6	427H	6.93	2.77	Samsung	R521DCSV	-	Bulb holder	-	IO

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Total Wt. (kg)	Comp. category
FRI6	428I	0.00	0.00	Samsung	R521DCSV	-	Electrical component casing	-	IO
FRI6	429J	0.00	0.00	Samsung	R521DCSV	-	Access panel casing	-	IF
FRI6	430K	0.00	0.00	Samsung	R521DCSV	-	Light covering panel	-	IO
FRI6	431L	0.01	0.00	Samsung	R521DCSV	-	Ice maker framework	-	EB
FRI6	432M	0.00	0.00	Samsung	R521DCSV	-	Ice maker framework	-	EB
FRI7	434A	6.21	1.76	Panasonic	NR B54X1 WB	-	Pipe work casing	123	IF
FRI7	435B	0.00	0.00	Panasonic	NR B54X1 WB	-	Internal clip	123	IF
FRI7	436C	0.00	0.00	Panasonic	NR B54X1 WB	-	Pipework	123	IF
FRI7	437D	0.00	0.00	Panasonic	NR B54X1 WB	-	Internal framework	123	IF
FRI7	438E	0.00	0.00	Panasonic	NR B54X1 WB	-	Motor casing	123	MC
FRI7	439F	0.00	0.00	Panasonic	NR B54X1 WB	-	On	123	IO
FRI7	440G	0.00	0.00	Panasonic	NR B54X1 WB	-	Casing	123	EC
FRI7	441H	0.00	0.00	Panasonic	NR B54X1 WB	-	Inner casing	123	IF
FRI7	442I	0.00	0.00	Panasonic	NR B54X1 WB	-	Ice bin casing	123	EB
FRI8	443A	0.00	0.00	Samsung	Unknown	-	Fan	-	F
FRI8	444B	0.00	0.01	Samsung	Unknown	-	Fan motor casing	-	F
FRI8	445C	0.00	0.00	Samsung	Unknown	-	Fan framework	-	F
FRI8	446D	10.0	3.79	Samsung	Unknown	-	Control box casing	-	IO
FRI8	447E	9.68	3.58	Samsung	Unknown	-	Control box casing Front	-	IO
FRI8	448F	0.00	0.00	Samsung	Unknown	-	Inner casing	-	IF
FRI9	449A	5.08	2.62	Whirlpool	SLODRBB32A/G	-	Dial casing	55.0	IO
FRI9	450B	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Control box casing	55.0	IO
FRI9	451C	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Cable connector box	55.0	IO
FRI9	453D	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Fan motor casing	55.0	F
FRI9	454E	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Fan casing	55.0	F
FRI9	455F	20.9	7.03	Whirlpool	SLODRBB32A/G	-	Control box casing	55.0	IO
FRI9	456G	19.4	5.50	Whirlpool	SLODRBB32A/G	-	Control box casing	55.0	IO
FRI9	457H	21.9	7.28	Whirlpool	SLODRBB32A/G	-	Control box casing	55.0	IO
FRI9	458I	3.77	1.73	Whirlpool	SLODRBB32A/G	-	Control box casing	55.0	IO
FRI9	460J	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Control box casing	55.0	IO
FRI9	461K	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Electrical panel;	55.0	IO
FRI9	462L	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Internal panel	55.0	IF

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Total Wt. (kg)	Comp. category
FRI9	463M	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Vent	55.0	EB
FRI9	464N	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Display panel	55.0	EB
FRI9	465O	0.22	0.06	Whirlpool	SLODRBB32A/G	-	Fan framework	55.0	F
FRI9	466P	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Fan	55.0	F
FRI9	467Q	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Panel	55.0	EB
FRI9	468R	0.00	0.00	Whirlpool	SLODRBB32A/G	-	Cable casing	55.0	IO
FRI11	470A	0.00	0.00	Samsung	RSHINMH	-	Control box casing	-	IO
FRI11	471B	0.00	0.00	Samsung	RSHINMH	-	Control box casing outer	-	IO
FRI11	472C	0.00	0.00	Samsung	RSHINMH	-	Water filter panel	-	IF
FRI11	473D	0.00	0.00	Samsung	RSHINMH	-	Water dispenser flap	-	EB
FRI12	474A	0.00	0.00	Whirlpool	Unknown	-	Control box	-	IO
FRI12	475B	0.00	0.00	Whirlpool	Unknown	-	Control box case	-	IO
FRI12	476C	0.00	0.00	Whirlpool	Unknown	-	Casing	-	IF
FRI12	477D	0.00	0.02	Whirlpool	Unknown	-	Internal casing	-	IF
FRI12	478E	0.00	0.00	Whirlpool	Unknown	-	Panel	-	EC
FRI13	479A	0.00	0.00	LIEBHERR	Unknown	-	Dial casing	-	IF
FRI13	480B	0.00	0.00	LIEBHERR	Unknown	-	Dial	-	IF
FRI13	481C	0.02	0.00	LIEBHERR	Unknown	-	Switch casing	-	IO
FRI13	482D	0.00	0.00	LIEBHERR	Unknown	-	Fan casing	-	F
FRI14	483A	0.00	0.00	LG	GR 642TVPF	-	Control panel casing	-	EB
FRI14	484B	0.00	0.00	LG	GR 642TVPF	-	Internal panel	-	IF
FRI14	485C	0.00	0.00	LG	GR 642TVPF	-	Internal framework	-	IF
FRI14	486D	0.00	0.00	LG	GR 642TVPF	-	Internal panel	-	IF
FRI14	487E	0.00	0.00	LG	GR 642TVPF	-	Fan	-	F
FRI15	488A	0.02	0.02	SMEG	S205TRP	-	Control panel casing	-	IO
FRI15	489B	0.04	0.02	SMEG	S205TRP	-	Control panel casing	-	IO
FRI15	490C	0.01	0.00	SMEG	S205TRP	-	Outer panel	-	EB
FRI15	491D	0.00	0.02	SMEG	S205TRP	-	Display panel framework	-	EB
FRI15	492E	0.00	0.00	SMEG	S205TRP	-	Fan casing	-	F
FRI15	493F	0.00	0.01	SMEG	S205TRP	-	Fan casing	-	F
FRI15	494G	14.5	3.81	SMEG	S205TRP	-	Fan motor casing	-	MC
FRI15	495H	0.00	0.00	SMEG	S205TRP	-	Panel	-	EB

Item	Scan	Br (%)	Sb (%)	Make	Model	Item	Component description	Total Wt. (kg)	Comp. category
FRI15	496I	0.00	0.00	SMEG	S205TRP	-	Gas cylinder casing	-	MC
FRI15	497J	0.00	0.00	SMEG	S205TRP	-	Motor cap	-	MC
FRI15	498K	0.00	0.00	SMEG	S205TRP	-	Electrical component casing	-	IO
FRI16	499A	0.00	0.00	Whirlpool	20RI D4A4 PT	-	Infrared control panel	-	IO
FRI16	500B	0.01	0.02	Whirlpool	20RI D4A4 PT	-	Ice box casing	-	EB
FRI16	501C	0.00	0.00	Whirlpool	20RI D4A4 PT	-	Ice box casing	-	EB
FRI16	502D	0.00	0.00	Whirlpool	20RI D4A4 PT	-	Internal panel	-	IF
FRI16	503E	0.02	0.00	Whirlpool	20RI D4A4 PT	-	Control panel casing	-	IO
FRI16	504F	19.3	4.89	Whirlpool	20RI D4A4 PT	-	Control box casing	-	IO
FRI16	505G	0.00	0.00	Whirlpool	20RI D4A4 PT	-	Ice box casing	-	EB
FRI17	506A	4.26	0.00	BEKO	ASD241S	-	Invertor control box	-	IO
FRI17	507B	4.21	0.00	BEKO	ASD241S	-	Invertor control box	-	IO
FRI17	508C	0.00	0.02	BEKO	ASD241S	-	Fan motor inner case	-	MC
FRI17	509D	1.66	0.21	BEKO	ASD241S	-	Fan motor outer case	-	MC
FRI17	512E	0.00	0.00	BEKO	ASD241S	-	Fan	-	F
FRI17	513F	10.7	2.25	BEKO	ASD241S	-	Control box casing	-	IO
FRI17	514G	2.72	0.46	BEKO	ASD241S	-	Internal panel	-	IF
FRI18	515A	0.00	0.00	BEKO	GNEV221APB	-	Control box casing	-	IO
FRI18	516B	0.00	0.00	BEKO	GNEV221APB	-	Internal casing	-	IF
FRI18	518C	0.00	0.00	BEKO	GNEV221APB	-	Electrical component housing	-	IO
FRI18	519D	2.16	0.50	BEKO	GNEV221APB	-	Internal panel	-	IF
FRI18	520E	7.27	2.98	BEKO	GNEV221APB	-	Invertor control box	-	IO
FRI19	521A	3.07	1.08	LG	GR642 TVPF	-	Control box top panel	-	IO
FRI19	522B	0.00	0.00	LG	GR642 TVPF	-	Pcb casing	-	IO
FRI20	523A	0.00	0.00	Electrolux	RM212F	-	Infrared external panel	-	EB
FRI20	524B	0.00	0.00	Electrolux	RM212F	-	Internal framework	-	IF
FRI20	525C	9.11	3.85	Electrolux	RM212F	-	Switch casing	-	IO
FRI20	526D	5.74	6.55	Electrolux	RM212F	-	Switch framework	-	IF
FRI20	527E	0.00	0.00	Electrolux	RM212F	-	Casing	-	EB
FRI20	528F	0.00	0.00	Electrolux	RM212F	-	Fan casing	-	F
FRI20	530G	0.00	0.01	Electrolux	RM212F	-	Internal framework	-	IF

## B6 LDA

Site Name
Viridor, St. Helens

Component category key:							
EB - External fixings	EC - External casing	FO - Foam	G - Cogs and gears	IF - Internal framework	IO - Electrical casings	MC - Motor and heater casing	F - Fans and fan housings

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item source	Make	Model	Component description	Component category
LDA1	319A	0.00	0.00	-	White	Washer dryer	Neff	V6320X	Front control casing	EC
LDA1	320B	0.00	0.00	-	White	Washer dryer	Neff	V6320X	Button support	EB
LDA1	321C	0.00	0.00	-	White	Washer dryer	Neff	V6320X	Display frame	EB
LDA1	322D	0.01	0.01	-	White	Washer dryer	Neff	V6320X	Control panel back	IO
LDA1	323E	27.8	0.02	33.3	White	Washer dryer	Neff	V6320X	Switch connector	IO
LDA1	324F	0.00	0.00	-	Black	Washer dryer	Neff	V6320X	Switch connector	IO
LDA1	325G	Lost	0.00	-	White	Washer dryer	Neff	V6320X	Inner casing	-
LDA1	326H	0.00	0.00	-	White	Washer dryer	Neff	V6320X	Inner casing	IF
LDA1	327I	0.00	0.00	-	White	Washer dryer	Neff	V6320X	Inner casing	IF
LDA1	328J	10.4	2.39	2.10	White	Washer dryer	Neff	V6320X	Switch connector	IO
LDA1	329K	0.00	0.00	-	White	Washer dryer	Neff	V6320X	Outlet pipe	IF
LDA1	330L	16.6	3.29	178	Black	Washer dryer	Neff	V6320X	Vent casing	IF
LDA1	331M	0.00	0.00	-	White	Washer dryer	Neff	V6320X	Pump casing	MC
LDA1	332N	0.00	0.00	-	White	Washer dryer	Neff	V6320X	Pump casing	MC
LDA1	333O	14.8	2.92	240	Black	Washer dryer	Neff	V6320X	Fan motor case	MC
LDA1	334P	0.00	0.00	-	White	Washer dryer	Neff	V6320X	Drum case	IF
LDA1	335Q	0.00	0.00	-	Other	Washer dryer	Neff	V6320X	Water tank	IF
LDA2	336A	0.00	0.00	-	White	Washer dryer	Siemens	WT4HY790GB	Display frame	EB
LDA2	337B	0.00	0.00	-	White	Washer dryer	Siemens	WT4HY790GB	Control box	IO
LDA2	338C	0.00	0.00	-	White	Washer dryer	Siemens	WT4HY790GB	Front control casing	EB
LDA2	339D	0.00	0.00	-	White	Washer dryer	Siemens	WT4HY790GB	Control switch case	IO
LDA2	340E	1.76	0.00	38.7	Black	Washer dryer	Siemens	WT4HY790GB	Fan	F
LDA2	341F	0.00	0.00	-	White	Washer dryer	Siemens	WT4HY790GB	Back casing	EC

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item source	Make	Model	Component description	Component category
LDA2	342G	0.00	0.00	-	White	Washer dryer	Siemens	WT4HY790GB	Inner panel	IF
LDA2	343H	0.00	0.00	-	White	Washer dryer	Siemens	WT4HY790GB	Casing	EC
LDA2	344I	0.00	0.00	-	White	Washer dryer	Siemens	WT4HY790GB	Door frame	EC
LDA3	345A	0.00	0.00	-	White	Dish washer	Beko	DW451	Control panel case	EB
LDA3	346B	0.00	0.00	-	White	Dish washer	Beko	DW451	Inner casing	IF
LDA3	347C	14.6	5.70	28.4	White	Dish washer	Beko	DW451	Pump connector	IO
LDA3	348D	0.00	0.00	-	White	Dish washer	Beko	DW451	Pump connector	IO
LDA3	349E	0.00	0.00	-	White	Dish washer	Beko	DW451	Pipe connector	IF
LDA3	350F	16.3	3.27	20.0	Other	Dish washer	Beko	DW451	Motor casing	MC
LDA3	351G	0.00	0.00	-	White	Dish washer	Beko	DW451	Rotor casing	MC
LDA3	352H	0.00	0.00	-	White	Dish washer	Beko	DW451	Dispenser blade	IF
LDA3	353I	0.00	0.00	-	White	Dish washer	Beko	DW451	Outer motor casing	MC
LDA3	354J	0.00	0.00	-	Other	Dish washer	Beko	DW451	Soap chamber	IF
LDA3	355K	0.00	0.00	-	Other	Dish washer	Beko	DW451	PCB casing	IO
LDA3	356L	0.00	0.01	-	Other	Dish washer	Beko	DW451	Top display case	EB
LDA4	308A	0.00	0.00	-	White	Washing machine	Indesit	IWD61450	Door frame	EB
LDA4	309B	0.32	0.00	58.2	White	Washing machine	Indesit	IWD61450	Control panel back	IO
LDA4	310C	0.31	0.00	53.0	White	Washing machine	Indesit	IWD61450	Control panel front	IO
LDA4	311D	0.00	0.00	-	White	Washing machine	Indesit	IWD61450	Pipe connector	IF
LDA4	312E	0.00	0.00	-	White	Washing machine	Indesit	IWD61450	Magnet casing	MC
LDA4	313F	0.00	0.00	-	White	Washing machine	Indesit	IWD61450	Pipe connector	IF
LDA4	314G	5.27	1.80	15.7	White	Washing machine	Indesit	IWD61450	Cable housing	IO
LDA4	315H	0.00	0.00	-	White	Washing machine	Indesit	IWD61450	Drum casing	IF
LDA4	316I	0.00	0.00	-	White	Washing machine	Indesit	IWD61450	Fly wheel	IF
LDA4	317J	0.00	0.00	-	Black	Washing machine	Indesit	IWD61450	Pipe connector	IF
LDA4	318K	0.00	0.00	-	White	Washing machine	Indesit	IWD61450	Assembly pin	IF
LDA5	357A	0.00	0.00	-	Other	Dish washer	Hotpoint	7842W	Pump case	MC
LDA5	358B	0.00	0.00	-	Other	Dish washer	Hotpoint	7842W	Detergent dispenser	IF
LDA5	359C	2.36	0.01	5.00	White	Dish washer	Hotpoint	7842W	Capacitor	IO
LDA5	360D	0.00	0.00	-	White	Dish washer	Hotpoint	7842W	Pipe connector	IF
LDA5	361E	0.00	0.00	-	White	Dish washer	Hotpoint	7842W	Pipe connector	IF
LDA5	362F	0.00	0.00	-	White	Dish washer	Hotpoint	7842W	Inner casing	IF

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item source	Make	Model	Component description	Component category
LDA5	363G	0.00	0.00	-	Black	Dish washer	Hotpoint	7842W	Motor attachment	MC
LDA5	364H	0.00	0.00	-	Other	Dish washer	Hotpoint	7842W	Motor attachment	MC
LDA5	365I	0.00	0.00	-	Other	Dish washer	Hotpoint	7842W	Cap	IF
LDA5	366J	0.00	0.00	-	Other	Dish washer	Hotpoint	7842W	Motor attachment	MC
LDA6	373A	0.00	0.00	-	Other	Washing machine	Siemens	WT46W491GB	Inner casing	IF
LDA6	374B	0.00	0.00	-	White	Washing machine	Siemens	WT46W491GB	Inner casing	IF
LDA6	375C	0.00	0.00	-	Other	Washing machine	Siemens	WT46W491GB	Motor case	MC
LDA6	376D	0.00	0.00	-	White	Washing machine	Siemens	WT46W491GB	Inner case	IF
LDA6	377E	0.00	0.00	-	White	Washing machine	Siemens	WT46W491GB	Filament case	IF
LDA6	378F	0.00	0.00	-	Other	Washing machine	Siemens	WT46W491GB	Rotary blade	F
LDA6	379G	0.00	0.00	-	White	Washing machine	Siemens	WT46W491GB	Outer casing	EC
LDA6	380H	0.00	0.00	-	White	Washing machine	Siemens	WT46W491GB	Control case front	IO
LDA6	381I	0.00	0.00	-	White	Washing machine	Siemens	WT46W491GB	Control case back	IO
LDA6	382J	0.00	0.00	-	Other	Washing machine	Siemens	WT46W491GB	Inner case	IF
LDA8	367A	0.00	0.00	-	Black	Oven	Neff	U15E52N59B	PCB case	IO
LDA8	368B	0.05	0.00	300	Black	Oven	Neff	U15E52N59B	Inner case	IF
LDA8	369C	0.00	0.00	-	White	Oven	Neff	U15E52N59B	Fan blade	F
LDA8	370D	0.00	0.00	-	White	Oven	Neff	U15E52N59B	Inner case	IF
LDA8	371E	0.00	0.00	-	Other	Oven	Neff	U15E52N59B	Inner case	IF
LDA8	372F	0.00	0.00	-	White	Oven	Neff	U15E52N59B	Foam	IF
LDA9	3A	0.00	0.01	-	Other	Washing machine	Bosch	WNM64	Powder tray	IF
LDA9	4B	0.00	0.00	-	White	Washing machine	Bosch	WNM64	Front control panel	EB
LDA9	5C	0.00	0.00	-	Black	Washing machine	Bosch	WNM64	Display casing	EB
LDA9	6D	0.00	0.00	-	Other	Washing machine	Bosch	WNM64	Pump casing	MC
LDA9	7E	0.00	0.00	-	Other	Washing machine	Bosch	WNM64	Electrical clip	IO
LDA9	8F	0.00	0.00	-	White	Washing machine	Bosch	WNM64	Valve casing	IF
LDA9	9G	0.00	0.01	-	White	Washing machine	Bosch	WNM64	Electrical component housing	IO
LDA9	10H	0.00	0.00	-	White	Washing machine	Bosch	WNM64	Electrical component housing	IO
LDA9	11I	0.00	0.00	-	White	Washing machine	Bosch	WNM64	Internal framework	IF
LDA9	12J	0.14	0.12	375	White	Washing machine	Bosch	WNM64	Motor housing	MC
LDA9	13K	15.2	1.93	7.00	White	Washing machine	Bosch	WNM64	Power connection housing	IO
LDA9	14L	0.00	0.00	-	Black	Washing machine	Bosch	WNM64	Circuit board casing	IO

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item source	Make	Model	Component description	Component category
LDA9	15M	0.00	0.00		White	Washing machine	Bosch	WNM64	Internal panel framework	IF
LDA9	16N	0.00	0.00	-	Other	Washing machine	Bosch	WNM64	Drum casing	IF
LDA9	17O	0.00	0.00	-	White	Washing machine	Bosch	WNM64	Drum casing	IF
LDA9	18P	0.00	0.00	-	White	Washing machine	Bosch	WNM64	Internal framework for powder	IF
LDA9	19Q	0.00	0.00	-	White	Washing machine	Bosch	WNM64	Pump casing	MC
LDA10	20A	0.01	0.00	-	Black	Cooker	Siemens	HB55NB551B	Internal framework	IF
LDA10	21B	0.00	0.00	-	White	Cooker	Siemens	HB55NB551B	Fan	F
LDA10	22C	0.00	0.00	-	White	Cooker	Siemens	HB55NB551B	Internal casing	IF
LDA11	23A	0.00	0.00	-	Other	Dishwasher	Bosch	SMS25AW00G	Drum casing	IF
LDA11	24B	0.00	0.00	-	White	Dishwasher	Bosch	SMS25AW00G	Outer casing	EC
LDA11	25C	0.00	0.01	-	Other	Dishwasher	Bosch	SMS25AW00G	Internal framework	IF
LDA11	26D	0.00	0.00	-	White	Dishwasher	Bosch	SMS25AW00G	External control panel framework	EB
LDA11	27E	0.00	0.00	-	Black	Dishwasher	Bosch	SMS25AW00G	Timer display case	EB
LDA11	28F	0.00	0.01	-	White	Dishwasher	Bosch	SMS25AW00G	Control panel circuit board case	IO
LDA11	29G	0.00	0.00	-	Other	Dishwasher	Bosch	SMS25AW00G	Display casing	EB
LDA11	31H	15.7	5.07	4.00	Other	Dishwasher	Bosch	SMS25AW00G	Power connection housing	IO
LDA11	32I	16.3	5.26	8.00	Other	Dishwasher	Bosch	SMS25AW00G	Internal framework	IF
LDA11	33J	0.00	0.00	-	Other	Dishwasher	Bosch	SMS25AW00G	Flexible water pipe	IF
LDA12	34A	15.3	4.83	8.00	Other	Dishwasher	Bosch	SMS 24AW01G	Internal framework	IF
LDA12	35B	13.1	4.80	4.00	Other	Dishwasher	Bosch	SMS 24AW01G	Power connection housing	IO
LDA12	36C	16.9	7.09	4.00	Other	Dishwasher	Bosch	SMS 24AW01G	Internal framework	IF
LDA12	37D	0.00	0.00	-	Other	Dishwasher	Bosch	SMS 24AW01G	Drum casing	IF
LDA12	38E	0.00	0.01		Black	Dishwasher	Bosch	SMS 24AW01G	Display control box framework	EB
LDA12	39F	0.00	0.00	-	White	Dishwasher	Bosch	SMS 24AW01G	Front panel outer casing	EC
LDA12	40G	0.00	0.00	-	White	Dishwasher	Bosch	SMS 24AW01G	Dial	EB
LDA12	41H	0.00	0.01	-	Other	Dishwasher	Bosch	SMS 24AW01G	Powder tray	EB
LDA12	42I	0.00	0.00	-	Other	Dishwasher	Bosch	SMS 24AW01G	Powder mechanism casing	EB
LDA12	43J	17.9	4.95	50.0	White	Dishwasher	Bosch	SMS 24AW01G	Powder pump casing	MC
LDA13	44A	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Cover	EC
LDA13	45B	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Internal framework	IF
LDA13	46C	0.00	0.00	-	Other	Washing machine	Bosch	WIM 64...	Internal clip	IF
LDA13	47D	0.00	0.00	-	Other	Washing machine	Bosch	WIM 64...	Drum casing	IF



Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item source	Make	Model	Component description	Component category
LDA13	49E	0.01	0.00	-	White	Washing machine	Bosch	WIM 64...	Pump casing	MC
LDA13	50F	0.16	0.12	300	White	Washing machine	Bosch	WIM 64...	Pump casing (top section)	MC
LDA13	51G	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Pump casing	MC
LDA13	52H	15.5	2.10	7.00	White	Washing machine	Bosch	WIM 64...	Power connector	IO
LDA13	53I	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Detergent framework box	EB
LDA13	54J	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Internal pipe work/valve	IF
LDA13	55K	0.00	0.00	-	Black	Washing machine	Bosch	WIM 64...	PCB framework	IO
LDA13	56L	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Display control box framework	EB
LDA13	57M	0.00	0.00	-	Black	Washing machine	Bosch	WIM 64...	Display framework	EB
LDA13	58N	4.85	1.45	40.0	Other	Washing machine	Bosch	WIM 64...	Control box access panel	IO
LDA13	59O	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Control box casing	IO
LDA13	60P	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Detergent box framework	IF
LDA13	61Q	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Motor casing	MC
LDA13	62R	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Motor casing front	MC
LDA13	63S	0.00	0.00	-	White	Washing machine	Bosch	WIM 64...	Motor casing internal	MC
LDA13	64T	0.00	0.00	-	Other	Washing machine	Bosch	WIM 64...	Integral clip	IF
LDA14	65A	15.0	2.36	37.0	Black	Cooker	Neff	9804	Switch casing	IO
LDA14	66B	0.00	0.00	-	Black	Cooker	Neff	9804	Panel inner framework	IF
LDA14	67C	0.00	0.00	-	Black	Cooker	Neff	9804	Fan casing	F
LDA14	68D	0.00	0.00	-	Other	Cooker	Neff	9804	Electric connector	IO
LDA14	69E	0.00	0.00	-	Other	Cooker	Neff	9804	Internal casing	IF
LDA15	70A	0.00	0.00	-	Other	Washer/dryer	Bosch	WNAD 62	Cable tray	IF
LDA15	71B	0.00	0.00	-	Other	Washer/dryer	Bosch	WNAD 62	Drum casing	IF
LDA15	72C	0.00	0.00	-	Black	Washer/dryer	Bosch	WNAD 62	Display casing	EB
LDA15	73D	0.00	0.00	-	Other	Washer/dryer	Bosch	WNAD 62	Pump housing	MC
LDA15	75E	0.00	0.00	-	White	Washer/dryer	Bosch	WNAD 62	Pump housing	MC
LDA15	76F	0.00	0.00	-	White	Washer/dryer	Bosch	WNAD 62	Internal framework	IF
LDA15	77G	15.7	2.07	7.00	White	Washer/dryer	Bosch	WNAD 62	Power connector	IO
LDA15	78H	0.00	0.00	-	Other	Washer/dryer	Bosch	WNAD 62	Internal plug	IO
LDA15	79I	0.00	0.00	-	White	Washer/dryer	Bosch	WNAD 62	Internal framework for detergent	IF
LDA15	80J	0.00	0.00	-	Black	Washer/dryer	Bosch	WNAD 62	Solenoid valve casing	IF
LDA15	81K	0.00	0.00	-	Black	Washer/dryer	Bosch	WNAD 62	Internal framework	IF

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item source	Make	Model	Component description	Component category
LDA15	82L	0.00	0.00	-	White	Washer/dryer	Bosch	WNAD 62	Valve top casing	IF
LDA16	84A	0.00	0.10	-	White	Washer/dryer	Bosch	NTD 65	Control box back casing	IO
LDA16	85B	0.00	0.00	-	White	Washer/dryer	Bosch	NTD 65	Control box front casing	IO
LDA16	86C	0.00	0.00	-	Other	Washer/dryer	Bosch	NTD 65	Internal framework	IF
LDA16	87D	0.00	0.00	-	White	Washer/dryer	Bosch	NTD 65	Filter housing framework	IF
LDA16	88E	0.00	0.00	-	White	Washer/dryer	Bosch	NTD 65	Internal casing	IF
LDA16	89F	0.00	0.00	-	White	Washer/dryer	Bosch	NTD 65	Detergent casing framework	IF
LDA16	90G	0.00	0.00	-	White	Washer/dryer	Bosch	NTD 65	Panel PCB framework	IO
LDA16	91H	0.00	0.00	-	Other	Washer/dryer	Bosch	NTD 65	Dial	EB
LDA16	92I	0.00	0.00	-	Black	Washer/dryer	Bosch	NTD 65	Dial framework	EB
LDA16	93J	0.00	0.00	-	Other	Washer/dryer	Bosch	NTD 65	Dial framework	EB
LDA16	94K	0.00	0.00	-	Other	Washer/dryer	Bosch	NTD 65	Dial side	EB
LDA16	95L	0.00	0.00	-	White	Washer/dryer	Bosch	NTD 65	Front panel outer casing	EB
LDA16	96M	0.00	0.00	-	White	Washer/dryer	Bosch	NTD 65	Inner framework	IF
LDA17	97A	0.00	0.00	-	Other	Dishwasher	Siemens	SN67D00TG	Main tray	EB
LDA17	98B	0.00	0.01	-	Other	Dishwasher	Siemens	SN67D00TG	Sensor casing	IO
LDA17	99C	0.00	0.00	-	White	Dishwasher	Siemens	SN67D00TG	Internal switch	IO
LDA17	100D	0.00	0.00	-	Other	Dishwasher	Siemens	SN67D00TG	Internal casing	IF
LDA17	101E	0.00	0.00	-	Other	Dishwasher	Siemens	SN67D00TG	Internal system casing	IF
LDA17	102F	0.00	0.00	-	Other	Dishwasher	Siemens	SN67D00TG	Internal framework	IF
LDA17	103G	0.00	0.00	-	Other	Dishwasher	Siemens	SN67D00TG	Detergent dispenser back casing	EB
LDA17	104H	0.00	0.01	-	Other	Dishwasher	Siemens	SN67D00TG	Detergent dispenser front casing	EB
LDA18	105A	14.6	0.01	51.0	Black	Cooker	Bosch	FD9808	Switch casing	IO
LDA18	106B	0.00	2.25	-	Other	Cooker	Bosch	FD9808	Internal fixing	IF
LDA18	107C	0.00	0.00	-	Other	Cooker	Bosch	FD9808	Fan	F
LDA18	108D	0.01	0.00	-	Black	Cooker	Bosch	FD9808	Fan housing	F
LDA18	109E	0.00	0.00	-	Other	Cooker	Bosch	FD9808	Front panel outer casing	EC
LDA19	110A	0.00	0.00	-	Other	Dishwasher	Bosch	SMV88TD00G	Sensor casing	IO
LDA19	111B	0.00	0.00	-	White	Dishwasher	Bosch	SMV88TD00G	Sensor casing	IO
LDA19	112C	0.00	0.00	-	Other	Dishwasher	Bosch	SMV88TD00G	Dispenser casing	EB
LDA19	113D	0.00	0.02	-	Other	Dishwasher	Bosch	SMV88TD00G	Inner framework	IF
LDA19	114E	0.00	0.00	-	Other	Dishwasher	Bosch	SMV88TD00G	Inner framework	IF

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item source	Make	Model	Component description	Component category
LDA20	115A	0.00	0.00	-	White	Dishwasher	Bosch	SMV40C40C40GB	Motor housing	MC
LDA20	116B	0.00	0.00	-	Other	Dishwasher	Bosch	SMV40C40C40GB	Internal framework	IF
LDA20	117C	0.00	0.01	-	Other	Dishwasher	Bosch	SMV40C40C40GB	Electrical PCB casing	IO
LDA20	118D	0.00	0.00	-	Other	Dishwasher	Bosch	SMV40C40C40GB	Internal framework	IF
LDA20	119E	0.00	0.00	-	Other	Dishwasher	Bosch	SMV40C40C40GB	Connector casing	IO
LDA20	120F	0.00	0.00	-	Other	Dishwasher	Bosch	SMV40C40C40GB	Motor housing	MC
LDA20	121G	0.00	0.00	-	Other	Dishwasher	Bosch	SMV40C40C40GB	Pump housing	MC
LDA20	122H	0.00	0.00	-	Other	Dishwasher	Bosch	SMV40C40C40GB	Pump back casing	MC
LDA20	123I	0.00	0.00	-	White	Dishwasher	Bosch	SMV40C40C40GB	Pump body	MC
LDA21	124A	0.00	0.00	-	White	Washing machine	Bosch	WLM68	Detergent dispenser framework	EB
LDA21	125B	5.18	0.00	23.0	Black	Washing machine	Bosch	WLM68	Cable housing framework	IO
LDA21	126C	0.00	0.00	-	White	Washing machine	Bosch	WLM68	Control box casing	IO
LDA21	127D	0.00	0.00	-	White	Washing machine	Bosch	WLM68	Outer panel framework	EB
LDA21	128E	0.00	0.00	-	Other	Washing machine	Bosch	WLM68	Pump casing bottom	MC
LDA21	129F	0.00	0.00	-	White	Washing machine	Bosch	WLM68	Pump casing	MC
LDA21	130G	0.00	0.00	-	Black	Washing machine	Bosch	WLM68	Pump casing	MC
LDA21	131H	0.00	0.00	-	White	Washing machine	Bosch	WLM68	Cover	EB
LDA21	132I	0.00	0.00	-	White	Washing machine	Bosch	WLM68	Detergent box framework	EB
LDA21	133J	0.00	0.00	-	Other	Washing machine	Bosch	WLM68	Connector casing	IO
LDA22	134A	0.00	0.01	-	Other	Washing machine	Bosch	WTD 67	Internal framework	IF
LDA22	135B	0.00	0.00	-	White	Washing machine	Bosch	WTD 67	PCB framework	IO
LDA22	136C	0.00	0.00	-	White	Washing machine	Bosch	WTD 67	Detergent dispenser framework	EB
LDA22	137D	0.00	0.00	-	White	Washing machine	Bosch	WTD 67	Front panel outer casing	EC
LDA22	138E	0.00	0.00	-	Other	Washing machine	Bosch	WTD 67	Control box casing	IO
LDA23	139A	0.00	0.00	-	White	Washer dryer	Neff	M 98050036	Outer panel framework	EC
LDA23	140B	0.04	0.03	203	White	Washer dryer	Neff	M 98050036	Display casing	EB
LDA23	141C	0.00	0.00	-	White	Washer dryer	Neff	M 98050036	Internal framework of display casing	IF
LDA23	142D	20.3	0.00	25.0	Other	Washer dryer	Neff	M 98050036	Internal cap for pump	MC
LDA23	143E	0.02	0.00	10.0	Black	Washer dryer	Neff	M 98050036	Internal connector cap	IO
LDA23	144F	26.5	0.00	34.0	Other	Washer dryer	Neff	M 98050036	Internal connector	IO
LDA23	145G	0.00	0.00	-	White	Washer dryer	Neff	M 98050036	Motor casing	MC
LDA23	146H	0.00	0.00	-	White	Washer dryer	Neff	M 98050036	Motor casing	MC

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Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item source	Make	Model	Component description	Component category
LDA23	147I	0.00	0.00	-	White	Washer dryer	Neff	M 98050036	Internal framework	IF
LDA23	148J	0.00	0.00	-	White	Washer dryer	Neff	M 98050036	Internal framework	IF
LDA23	149K	0.00	0.00	-	Other	Washer dryer	Neff	M 98050036	Dispenser button	EB
LDA23	151K	17.1	4.94	77.0	White	Washer dryer	Neff	M 98050036	Biscuit connector	IO
LDA23	150L	0.00	0.00	-	White	Washer dryer	Neff	M 98050036	Internal framework	IF

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Component category key:							
EB - External fixings	EC - External casing	FO - Foam	G - Cogs and gears	IF - Internal framework	IO - Electrical casings	MC - Motor and heater casing	F - Fans and fan housings

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA1	2B	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA1	3C	0.03	0.07	Other	Washing machine	Beko	Unknown	Front facia	EB
LDA1	4D	0.14	0.18	Other	Washing machine	Beko	Unknown	Rear front	EB
LDA1	5E	13.0	3.31	Other	Washing machine	Beko	Unknown	Biscuit connector	IO
LDA1	6F	0.00	0.02	Other	Washing machine	Beko	Unknown	-	-
LDA1	7G	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA1	8H	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA1	9I	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA2	10B	0.00	0.01	Other	Washing machine	Beko	Unknown	-	-
LDA2	11C	0.05	0.04	Other	Washing machine	Beko	Unknown	-	-
LDA2	12D	12.7	2.52	Other	Washing machine	Beko	Unknown	Pump	MC
LDA2	13E	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA3	14A	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA3	15B	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA3	16C	0.00	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA3	17D	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA3	18E	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA3	19F	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA3	20G	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA4	21A	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA4	22B	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA4	23C	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA4	24D	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA4	25E	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA4	26F	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA4	27G	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA4	28H	15.3	5.97	Other	Tumble dryer	Hotpoint	Unknown	Control switch	IO
LDA5	29B	0.01	0.01	Other	Washing machine	Hotpoint	Unknown	-	-
LDA5	30C	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA5	31D	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA5	32E	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA5	33F	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA6	34A	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA6	35B	7.35	0.10	Other	Washing machine	Beko	Unknown	Control switch	IO
LDA6	36C	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA6	37D	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA6	38E	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA6	39F	13.4	5.22	Other	Washing machine	Beko	Unknown	Biscuit connector	IO
LDA6	40G	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA6	41H	0.03	0.02	Other	Washing machine	Beko	Unknown	-	-
LDA6	42I	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA6	43J	5.37	2.30	Other	Washing machine	Beko	Unknown	Biscuit connector	IO
LDA6	44K	13.8	6.12	Other	Washing machine	Beko	Unknown	Cream pump	MC
LDA6	45L	0.00	0.00	Other	Washing machine	Beko	Unknown	-	-
LDA7	46A	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA7	47B	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA7	48C	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA7	49D	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA7	50E	0.00	0.01	Other	Tumble dryer	White Knight	Unknown	-	-
LDA7	51F	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA7	52G	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA8	53A	0.01	0.00	Other	Washing machine	Hec	Unknown	-	-
LDA8	54B	0.00	0.00	Other	Washing machine	Hec	Unknown	-	-
LDA8	55C	0.00	0.00	Other	Washing machine	Hec	Unknown	-	-
LDA8	56D	4.17	1.44	Other	Washing machine	Hec	Unknown	Switch unit green	IO
LDA8	57E	11.7	4.17	Other	Washing machine	Hec	Unknown	Black connector	IO
LDA8	58F	0.00	0.00	Other	Washing machine	Hec	Unknown	-	-
LDA8	59G	0.00	0.00	Other	Washing machine	Hec	Unknown	-	-

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA8	60H	15.6	3.38	Other	Washing machine	Hec	Unknown	Cream switch socket	IO
LDA8	61I	10.3	3.03	Other	Washing machine	Hec	Unknown	Biscuit connector	IO
LDA8	62J	8.78	4.36	Other	Washing machine	Hec	Unknown	Biscuit connector	IO
LDA8	63K	9.33	4.17	Other	Washing machine	Hec	Unknown	Biscuit connector	IO
LDA8	64L	0.00	0.00	Other	Washing machine	Hec	Unknown	-	-
LDA9	65A	0.00	0.00	Other	Washing machine	Unknown	Unknown	-	-
LDA9	66B	0.00	0.00	Other	Washing machine	Unknown	Unknown	-	-
LDA9	67C	0.00	0.00	Other	Washing machine	Unknown	Unknown	-	-
LDA9	68D	0.00	0.00	Other	Washing machine	Unknown	Unknown	-	-
LDA9	69E	5.63	2.18	Other	Washing machine	Unknown	Unknown	Biscuit connector	IO
LDA9	70F	13.8	5.04	Other	Washing machine	Unknown	Unknown	Biscuit connector	IO
LDA9	71G	0.00	0.00	Other	Washing machine	Unknown	Unknown	-	-
LDA9	72H	6.28	0.00	Other	Washing machine	Unknown	Unknown	Biscuit connector	IO
LDA9	73I	2.89	0.85	Other	Washing machine	Unknown	Unknown	Pcb casing	IO
LDA9	74J	0.06	0.07	Other	Washing machine	Unknown	Unknown	-	-
LDA10	75A	0.06	0.17	Other	Washing machine	Amica	Unknown	Control unit with FR40	IO
LDA10	76B	0.91	0.48	Other	Washing machine	Amica	Unknown	Capacitor	IO
LDA10	77C	0.00	0.00	Other	Washing machine	Amica	Unknown	-	-
LDA10	78D	0.00	0.03	Other	Washing machine	Amica	Unknown	-	-
LDA10	79E	0.00	0.00	Other	Washing machine	Amica	Unknown	-	-
LDA10	80F	0.00	0.00	Other	Washing machine	Amica	Unknown	-	-
LDA10	81G	0.00	0.00	Other	Washing machine	Amica	Unknown	-	-
LDA10	82H	0.00	0.00	Other	Washing machine	Amica	Unknown	-	-
LDA10	83I	16.4	4.88	Other	Washing machine	Amica	Unknown	Black biscuit connector	IO
LDA11	84A	0.00	0.00	Other	Washing machine	Bosch	Unknown	-	-
LDA11	85B	0.00	0.00	Other	Washing machine	Bosch	Unknown	-	-
LDA11	86C	0.00	0.00	Other	Washing machine	Bosch	Unknown	-	-
LDA11	87D	2.75	1.14	Other	Washing machine	Bosch	Unknown	-	-
LDA11	88E	0.00	0.00	Other	Washing machine	Bosch	Unknown	-	-
LDA11	89F	0.00	0.00	Other	Washing machine	Bosch	Unknown	-	-
LDA11	90G	0.00	0.00	Other	Washing machine	Bosch	Unknown	-	-
LDA11	91H	0.00	0.00	Other	Washing machine	Bosch	Unknown	-	-

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA11	92I	0.00	0.00	Other	Washing machine	Bosch	Unknown	-	-
LDA12	93A	0.08	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	94B	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	95C	13.1	3.29	Other	Dishwasher	Unknown	Unknown	Cable housing	IO
LDA12	96E	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	97F	0.13	0.11	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	98G	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	99H	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	100I	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	101J	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	102K	0.36	0.01	Other	Dishwasher	Unknown	Unknown	Capacitor	IO
LDA12	104M	0.01	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	105N	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	106O	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	107P	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA12	108Q	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA13	109A	0.00	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA13	110B	0.00	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA13	111C	0.00	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA13	112D	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	113E	0.00	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA13	114F	0.01	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA13	115G	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	116H	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	117I	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	118J	0.00	0.02	Other	Dishwasher	Beko	Unknown	-	-
LDA13	119K	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	120L	0.02	0.02	Other	Dishwasher	Beko	Unknown	Switch box	IO
LDA13	121M	0.03	0.02	Other	Dishwasher	Beko	Unknown	Glass rest	EB
LDA13	122N	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	123O	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	124P	0.70	0.21	Other	Dishwasher	Beko	Unknown	Door latch	EB



Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA13	125Q	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	126R	0.00	0.02	Other	Dishwasher	Beko	Unknown	-	-
LDA13	127S	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	128T	0.03	0.04	Other	Dishwasher	Beko	Unknown	-	-
LDA13	129U	0.02	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA13	130V	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA13	131W	0.00	0.02	Other	Dishwasher	Beko	Unknown	-	-
LDA14	132A	0.00	0.00	Other	Washing machine	Hoover	Unknown	-	-
LDA14	133B	0.43	0.63	Other	Washing machine	Hoover	Unknown	Switch socket black	IO
LDA14	134C	11.9	5.65	Other	Washing machine	Hoover	Unknown	Switch socket white	IO
LDA14	135D	0.03	0.01	Other	Washing machine	Hoover	Unknown	-	-
LDA14	136E	0.25	0.09	Other	Washing machine	Hoover	Unknown	Capacitor	IO
LDA14	137F	0.01	0.01	Other	Washing machine	Hoover	Unknown	-	-
LDA14	138G	0.00	0.00	Other	Washing machine	Hoover	Unknown	-	-
LDA14	139H	0.01	0.02	Other	Washing machine	Hoover	Unknown	-	-
LDA14	140I	0.00	0.00	Other	Washing machine	Hoover	Unknown	-	-
LDA14	141J	0.00	0.00	Other	Washing machine	Hoover	Unknown	-	-
LDA14	142K	0.00	0.00	Other	Washing machine	Hoover	Unknown	-	-
LDA14	144L	0.00	0.00	Other	Washing machine	Hoover	Unknown	-	-
LDA14	145M	0.00	0.01	Other	Washing machine	Hoover	Unknown	-	-
LDA14	146N	0.00	0.00	Other	Washing machine	Hoover	Unknown	-	-
LDA15	147A	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Door	EB
LDA15	148B	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Filter plug	EB
LDA15	149C	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Pump	MC
LDA15	150D	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Pump	MC
LDA15	151E	0.31	0.01	Other	Washing machine	Hotpoint	Unknown	Control panel	IO
LDA15	152F	12.0	4.29	Other	Washing machine	Hotpoint	Unknown	Switch box	IO
LDA15	153G	0.08	0.17	Other	Washing machine	Hotpoint	Unknown	Switch box	IO
LDA15	154H	0.01	0.03	Other	Washing machine	Hotpoint	Unknown	Switch connector	IO
LDA15	155I	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Switch connector	IO
LDA15	156J	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Facia	EB
LDA15	157K	0.01	0.01	Other	Washing machine	Hotpoint	Unknown	Control switch	IO

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA15	158L	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Water inlet	IF
LDA15	159M	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Soap dispenser	IF
LDA16	160A	12.8	3.44	Other	Dishwasher	Cooke & Lewis	Unknown	Control box	IO
LDA16	161B	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Tap connector	IF
LDA16	162C	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Cover	EB
LDA16	163D	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Water dispenser	IF
LDA16	164E	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Cover	IF
LDA16	165F	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Salt lid	IF
LDA16	167G	0.22	0.20	Other	Dishwasher	Cooke & Lewis	Unknown	Switch box	IO
LDA16	170H	16.1	1.95	Other	Dishwasher	Cooke & Lewis	Unknown	Switch box	IO
LDA16	171I	11.1	0.01	Other	Dishwasher	Cooke & Lewis	Unknown	Switch box	IO
LDA16	172J	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Facia	EC
LDA16	173K	9.14	4.08	Other	Dishwasher	Cooke & Lewis	Unknown	Control switch	IO
LDA16	174L	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Facia	EB
LDA16	175M	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Filter cover	IF
LDA16	176N	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Salt holder	IF
LDA16	177O	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Filter	IF
LDA16	178P	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Water spray	IF
LDA16	179Q	3.65	1.82	Other	Dishwasher	Cooke & Lewis	Unknown	Junction joint	IO
LDA16	180R	0.00	0.00	Other	Dishwasher	Cooke & Lewis	Unknown	Filter	IF
LDA17	181A	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Water dispenser	IF
LDA17	182B	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Cutlery holder	IF
LDA17	183C	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Salt dispenser	IF
LDA17	184D	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Filter	IF
LDA17	185E	0.00	0.01	Other	Dishwasher	Hotpoint	Unknown	Filter	IF
LDA17	186F	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Connector	IO
LDA17	187G	0.00	0.01	Other	Dishwasher	Hotpoint	Unknown	Connector	IO
LDA17	188H	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Tablet door	IF
LDA17	189I	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Switch	IO
LDA17	190J	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Filter	IF
LDA17	191K	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Filter	IF
LDA17	192L	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Switch cover	IO

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA17	193M	1.09	0.65	Other	Dishwasher	Hotpoint	Unknown	Switch cover	IO
LDA17	194N	0.00	0.01	Other	Dishwasher	Hotpoint	Unknown	Connector	IO
LDA17	195O	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Switch	IO
LDA17	196P	0.00	0.00	Other	Dishwasher	Hotpoint	Unknown	Water dispenser	IF
LDA18	197A	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Facia	EC
LDA18	198B	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Soap tray	IF
LDA18	199C	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Water dispenser	IF
LDA18	200D	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Control panel	EB
LDA18	201E	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Control panel	EB
LDA18	202F	0.01	0.01	Other	Washing machine	Hotpoint	Unknown	Switch	IO
LDA18	203G	0.03	0.02	Other	Washing machine	Hotpoint	Unknown	-	-
LDA18	204H	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA18	205I	0.03	0.23	Other	Washing machine	Hotpoint	Unknown	-	-
LDA18	206J	13.1	7.30	Other	Washing machine	Hotpoint	Unknown	Switch cover	IO
LDA18	207K	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA18	208L	6.11	2.43	Other	Washing machine	Hotpoint	Unknown	Biscuit connector	IO
LDA18	209M	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA18	210N	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA19	211A	0.00	0.00	Other	Washing machine	Hotpoint	Wma58	-	-
LDA19	212B	0.03	0.20	Other	Washing machine	Unknown	Wma58	-	-
LDA19	213C	13.4	6.33	Other	Washing machine	Unknown	Wma58	-	-
LDA19	214D	0.36	0.17	Other	Washing machine	Unknown	Wma58	-	-
LDA19	215E	0.00	0.00	Other	Washing machine	Unknown	Wma58	-	-
LDA19	216F	9.94	4.88	Other	Washing machine	Unknown	Wma58	Biscuit connector	IO
LDA19	217G	0.00	0.00	Other	Washing machine	Unknown	Wma58	-	-
LDA19	218H	0.00	0.00	Other	Washing machine	Unknown	Wma58	-	-
LDA19	219I	10.7	5.29	Other	Washing machine	Unknown	Wma58	Biscuit connector	IO
LDA19	220J	0.00	0.00	Other	Washing machine	Unknown	Wma58	-	-
LDA19	221K	0.00	0.00	Other	Washing machine	Unknown	Wma58	-	-
LDA20	222A	0.00	0.00	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	223B	0.00	0.00	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	224C	0.01	0.00	Other	Washing machine	John Lewis	Unknown	-	-

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA20	225D	0.07	0.23	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	226E	0.06	1.22	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	227F	0.00	0.00	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	228G	11.3	1.61	Other	Washing machine	John Lewis	Unknown	Cream switch cover	IO
LDA20	229H	0.00	0.00	Other	Washing machine	John Lewis	Unknown	Grey switch cover	IO
LDA20	230I	0.00	0.00	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	231J	0.42	0.34	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	232K	0.00	0.00	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	233L	12.9	0.01	Other	Washing machine	John Lewis	Unknown	Biscuit connector	IO
LDA20	234M	0.01	0.02	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	235N	0.00	0.01	Other	Washing machine	John Lewis	Unknown	-	-
LDA20	236O	0.00	0.00	Other	Washing machine	John Lewis	Unknown	-	-
LDA21	237A	0.00	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	238B	0.00	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	239C	0.00	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	240D	0.00	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	241E	0.00	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	242F	0.00	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	243G	0.01	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	244H	0.01	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	245I	0.12	0.02	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	246J	0.00	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	247K	0.01	0.01	Other	Dishwasher	Indesit	Unknown	-	-
LDA21	248L	0.00	0.00	Other	Dishwasher	Indesit	Unknown	-	-
LDA22	249A	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA22	250B	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA22	251C	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA22	252D	0.02	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA22	253E	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA22	254F	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA22	255G	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA22	256H	1.44	0.14	Other	Dishwasher	Beko	Unknown	Connector box	IO

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA22	257I	0.00	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA22	258J	0.00	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA22	259K	0.38	0.00	Other	Dishwasher	Beko	Unknown	Expanded polystyrene	IO
LDA22	260L	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA22	261M	0.00	0.01	Other	Dishwasher	Beko	Unknown	-	-
LDA22	262N	0.00	0.02	Other	Dishwasher	Beko	Unknown	-	-
LDA22	263O	0.00	0.00	Other	Dishwasher	Beko	Unknown	-	-
LDA23	264A	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA23	265B	0.00	0.01	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA23	266C	15.5	3.33	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA23	267D	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA23	268E	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	-	-
LDA24	269A	0.00	0.00	Other	Tumble dryer	Beko	Unknown	-	-
LDA24	270B	0.00	0.00	Other	Tumble dryer	Beko	Unknown	-	-
LDA24	271C	0.00	0.00	Other	Tumble dryer	Beko	Unknown	-	-
LDA24	272D	0.00	0.00	Other	Tumble dryer	Beko	Unknown	-	-
LDA24	273E	0.00	0.00	Other	Tumble dryer	Beko	Unknown	Polystyrene	IF
LDA24	274F	0.00	0.00	Other	Tumble dryer	Beko	Unknown	-	-
LDA24	275G	0.00	0.00	Other	Tumble dryer	Beko	Unknown	-	-
LDA24	276H	0.08	0.06	Other	Tumble dryer	Beko	Unknown	-	-
LDA25	277A	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	278B	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	279C	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	280D	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	281E	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	282F	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	283G	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	284H	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	285I	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	286J	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	287K	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	288L	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA25	289M	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA25	290N	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA26	291A	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA26	292B	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA26	293C	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA26	294D	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA26	295E	0.00	0.01	Other	Tumble dryer	White Knight	Unknown	-	-
LDA26	296F	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA26	297G	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA26	298H	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA26	299I	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA26	301K	9.35	3.82	Other	Tumble dryer	White Knight	Unknown	Switch casing	IO
LDA27	302A	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	303B	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	304C	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	305D	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	306E	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	307F	0.01	0.44	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	308G	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	309H	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	310I	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	311J	0.00	0.00	Other	Dishwasher	Unknown	Unknown	Grey motor surround	MC
LDA27	312K	0.00	0.00	Other	Dishwasher	Unknown	Unknown	White motor surround	MC
LDA27	313L	0.00	0.00	Other	Dishwasher	Unknown	Unknown	-	-
LDA27	314M	0.00	0.01	Other	Dishwasher	Unknown	Unknown	-	-
LDA28	316A	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	317B	0.03	0.01	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	318C	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	319D	0.12	0.05	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	320E	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	321F	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	322G	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA28	323H	0.06	0.03	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	324I	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	325J	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	326K	0.20	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	327L	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	328M	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA28	329N	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	-	-
LDA29	19A	0.00	-	Other	Washing machine	Unknown	Unknown	Door housing interior	IF
LDA29	20B	0.00	-	Other	Washing machine	Unknown	Unknown	Door housing exterior	EB
LDA29	21C	0.00	-	Other	Washing machine	Unknown	Unknown	Powder compartment	IF
LDA29	22D	0.00	-	Other	Washing machine	Unknown	Unknown	Inlet pipe	IF
LDA29	23F	0.00	-	Other	Washing machine	Unknown	Unknown	Backing to inlet pipe	IF
LDA29	24G	0.00	-	Other	Washing machine	Unknown	Unknown	Powder drawer	IF
LDA29	26H	14.0	-	Other	Washing machine	Unknown	Unknown	Switch box	IO
LDA29	27I	0.00	-	Other	Washing machine	Unknown	Unknown	Switch box	IO
LDA29	28J	0.43	-	Other	Washing machine	Unknown	Unknown	-	-
LDA29	29K	15.0	-	Other	Washing machine	Unknown	Unknown	Switch box	IO
LDA29	30L	0.00	-	Other	Washing machine	Unknown	Unknown	Panel casing	EB
LDA29	31M	0.00	-	Other	Washing machine	Unknown	Unknown	Front panel	EB
LDA30	388A	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	Grey base unit	EB
LDA30	389B	0.00	0.01	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	390C	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	391D	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	392E	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	380F	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	393G	0.39	0.24	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	394H	0.39	0.25	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	379I	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	395J	0.37	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	38K	11.2	-	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	39L	12.0	-	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	381M	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA30	382N	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	40O	30.1	-	Other	Dishwasher	Whirlpool	Unknown	Motor housing white	MC
LDA30	397P	0.01	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	396Q	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	385R	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	384S	0.35	0.43	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA30	386T	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	Switch socket	IO
LDA30	383U	0.00	0.00	Other	Dishwasher	Whirlpool	Unknown	-	-
LDA31	398A	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA31	399B	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA31	400C	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA31	401F	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA31	402G	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA31	403H	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	-	-
LDA31	404I	0.00	0.00	Other	Tumble dryer	White Knight	Unknown	Vent outlet	EB
LDA32	51A	0.00	-	Other	Washing machine	Indesit	Unknown	Control box	IO
LDA32	405B	0.00	0.00	Other	Washing machine	Indesit	Unknown	Front panel	EC
LDA32	52C	0.00	-	Other	Washing machine	Indesit	Unknown	Front panel	EC
LDA32	48D	0.28	-	Other	Washing machine	Indesit	Unknown	PCB housing	IO
LDA32	406E	0.00	0.00	Other	Washing machine	Indesit	Unknown	Detergent container	IF
LDA32	408F	0.00	0.00	Other	Washing machine	Indesit	Unknown	Panel	IO
LDA32	53G	0.00	-	Other	Washing machine	Indesit	Unknown	Drain drum	IF
LDA32	407H	0.00	0.00	Other	Washing machine	Indesit	Unknown	Valve casing	IF
LDA32	49I	0.02	-	Other	Washing machine	Indesit	Unknown	Connector	IO
LDA32	50J	0.00	-	Other	Washing machine	Indesit	Unknown	Connector	IO
LDA32	409K	0.00	0.00	Other	Washing machine	Indesit	Unknown	Switch box	IO
LDA33	55A	0.01	-	Other	Tumble dryer	Unknown	Unknown	Front door goldfish section	EB
LDA33	56B	0.00	-	Other	Tumble dryer	Unknown	Unknown	Front door casing	EC
LDA33	57C	0.00	-	Other	Tumble dryer	Unknown	Unknown	Drain panel	EB
LDA33	58D	0.00	-	Other	Tumble dryer	Unknown	Unknown	Filter casing	IF
LDA33	59E	0.01	-	Other	Tumble dryer	Unknown	Unknown	Panel casing	IF
LDA33	54F	9.13	-	Other	Tumble dryer	Unknown	Unknown	Control box housing	IO



Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA34	60A	0.00	-	Other	Tumble dryer	Unknown	Unknown	Filter casing	IF
LDA34	61B	0.00	-	Other	Tumble dryer	Unknown	Unknown	Filter cover	IF
LDA34	62C	0.00	-	Other	Tumble dryer	Unknown	Unknown	Panel casing	EC
LDA34	63D	0.00	-	Other	Tumble dryer	Unknown	Unknown	Back casing	EC
LDA34	64E	0.00	-	Other	Tumble dryer	Unknown	Unknown	Door casing	EC
LDA34	65F	0.00	-	Other	Tumble dryer	Unknown	Unknown	Inlet/outlet tube	IF
LDA35	45A	0.00	-	Other	Washing machine	Hotpoint	Unknown	Front door	EC
LDA35	410B	0.01	0.00	Other	Washing machine	Hotpoint	Unknown	Connector	IO
LDA35	45C	0.00	-	Other	Washing machine	Hotpoint	Unknown	Connector	IO
LDA35	41D	0.00	-	Other	Washing machine	Hotpoint	Unknown	Wire box	IO
LDA35	43E	11.3	-	Other	Washing machine	Hotpoint	Unknown	Connector	IO
LDA35	42F	10.4	-	Other	Washing machine	Hotpoint	Unknown	Connector	IO
LDA35	411G	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Switch casing	IO
LDA35	412H	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Panel casing	EB
LDA35	44I	0.60	-	Other	Washing machine	Hotpoint	Unknown	Panel casing	EB
LDA35	413J	0.00	0.00	Other	Washing machine	Hotpoint	Unknown	Detergent dispenser casing	EB
LDA35	46K	0.00	-	Other	Washing machine	Hotpoint	Unknown	Inlet pipe	IF
LDA36	66A	0.00	-	Other	Tumble dryer	Hotpoint	Unknown	Drain cover	IF
LDA36	414B	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	Dispenser casing	IF
LDA36	416C	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	Door frame	EB
LDA36	67D	3.20	-	Other	Tumble dryer	Hotpoint	Unknown	PCB housing	IO
LDA36	70E	0.00	-	Other	Tumble dryer	Hotpoint	Unknown	Fan housing	F
LDA36	417F	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	Internal framework	IF
LDA36	69G	0.00	-	Other	Tumble dryer	Hotpoint	Unknown	Powder tray	IF
LDA36	418H	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	Internal framework	IF
LDA36	419I	0.00	0.00	Other	Tumble dryer	Hotpoint	Unknown	Liquid tank	IF
LDA36	68J	0.01	-	Other	Tumble dryer	Hotpoint	Unknown	Front cover housing	EB
LDA37	71A	0.00	-	Other	Washing machine	Indesit	Unknown	Front door outer part	EC
LDA37	72B	0.41	-	Other	Washing machine	Indesit	Unknown	PCB housing	IO
LDA37	73C	4.01	-	Other	Washing machine	Indesit	Unknown	Connector	IO
LDA37	74D	0.00	-	Other	Washing machine	Indesit	Unknown	Connector	IO
LDA37	75E	0.00	-	Other	Washing machine	Indesit	Unknown	Powder case	IF

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA37	76F	0.00	-	Other	Washing machine	Indesit	Unknown	Water inlet	IF
LDA38	77A	0.00	-	Other	Tumble dryer	Candy	Unknown	Filer cover	IF
LDA38	78B	0.00	-	Other	Tumble dryer	Candy	Unknown	Fan housing	F
LDA38	79C	0.00	-	Other	Tumble dryer	Candy	Unknown	Front panel	EC
LDA38	80D	0.00	-	Other	Tumble dryer	Candy	Unknown	Front panel electronic section	EC
LDA39	81A	0.00	-	Other	Washing machine	Beko	Unknown	Inlet	IF
LDA39	82B	0.00	-	Other	Washing machine	Beko	Unknown	Powder case	IF
LDA39	82C	0.56	-	Other	Washing machine	Beko	Unknown	Connector	IO
LDA39	83D	0.00	-	Other	Washing machine	Beko	Unknown	Connector	IO
LDA39	84E	0.01	-	Other	Washing machine	Beko	Unknown	Front panel	EC
LDA39	85F	0.00	-	Other	Washing machine	Beko	Unknown	Control housing	IO
LDA40	86A	0.03	-	Other	Tumble dryer	Indesit	Unknown	Front drum casing	IF
LDA40	33B	0.00	-	Other	Tumble dryer	Indesit	Unknown	Panel inside	IF
LDA40	34C	0.00	-	Other	Tumble dryer	Indesit	Unknown	Inner drain casing	IF
LDA40	35D	0.00	-	Other	Tumble dryer	Indesit	Unknown	Front drum casing	IF
LDA40	36E	16.1	-	Other	Tumble dryer	Indesit	Unknown	Control panel	IO
LDA40	37E	15.4	-	Other	Tumble dryer	Indesit	Unknown	Control panel	IO
LDA41	4A	0.02	-	Other	Cooker	Ariston	Unknown	Control box	IO
LDA41	5B	0.00	-	Other	Cooker	Ariston	Unknown	Knob	EB
LDA41	6C	0.11	-	Other	Cooker	Ariston	Unknown	Connector box	IO
LDA41	7D	14.8	-	Other	Cooker	Ariston	Unknown	Cable junction box	IO
LDA41	8E	0.00	-	Other	Cooker	Ariston	Unknown	-	-
LDA41	9F	0.00	-	Other	Cooker	Ariston	Unknown	Drive shaft	IF
LDA41	11G	0.00	-	Other	Cooker	Ariston	Unknown	Knob	EB
LDA42	12A	7.76	-	Other	Cooker	Unknown	Unknown	Control box	IO
LDA42	13B	7.70	-	Other	Cooker	Unknown	Unknown	-	-
LDA42	14C	3.51	-	Other	Cooker	Unknown	Unknown	-	-
LDA42	15D	0.98	-	Other	Cooker	Unknown	Unknown	-	-
LDA43	16A	4.29	-	Other	Cooker	Unknown	Unknown	Connector box	IO
LDA43	17B	0.00	-	Other	Cooker	Unknown	Unknown	Bulb housing	IO
LDA43	18C	4.58	-	Other	Cooker	Unknown	Unknown	Connector box 2	IO
LDA44	19A	0.00	-	Other	Cooker	Unknown	Unknown	Control knob x3	IO

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA44	20B	0.00	-	Other	Cooker	Unknown	Unknown	-	-
LDA44	21C	0.03	-	Other	Cooker	Unknown	Unknown	Junction box (plus metal)	IO
LDA44	22D	0.00	-	Other	Cooker	Unknown	Unknown	Drive shaft plus housing (plus metal)	MC
LDA45	23A	0.00	-	Other	Cooker	Unknown	Unknown	Control knob x5	EB
LDA45	24B	0.00	-	Other	Cooker	Unknown	Unknown	Control knob backing x5	EB
LDA45	25C	0.00	-	Other	Cooker	Unknown	Unknown	Capacitor	IO
LDA45	26D	0.00	-	Other	Cooker	Unknown	Unknown	-	-
LDA46	27A	1.47	-	Other	Cooker	Stoves New Home	Unknown	Control box	IO
LDA46	28B	0.00	-	Other	Cooker	Stoves New Home	Unknown	Fan casing	F
LDA46	29C	6.19	-	Other	Cooker	Stoves New Home	Unknown	Fan	F
LDA46	30D	0.00	-	Other	Cooker	Stoves New Home	Unknown	Knob	EB
LDA47	31A	0.00	-	Other	Cooker	Unknown	Unknown	Knob backing x 6	EB
LDA47	32B	0.00	-	Other	Cooker	Unknown	Unknown	Knob x 6	EB
LDA47	33C	0.12	-	Other	Cooker	Unknown	Unknown	Junction box	IO
LDA48	34A	0.01	-	Other	Cooker	Unknown	Unknown	Clock	IO
LDA48	35B	0.00	-	Other	Cooker	Unknown	Unknown	Cable housing	IO
LDA48	36C	0.00	-	Other	Cooker	Unknown	Unknown	Cable housing	IO
LDA48	37D	0.00	-	Other	Cooker	Unknown	Unknown	Plug housing	IO
LDA49	4A	7.69	-	Other	Cooker	Unknown	Unknown	Knob (x4)	EB
LDA49	5B	0.00	-	Other	Cooker	Unknown	Unknown	Shaft housing	MC
LDA49	6C	0.09	-	Other	Cooker	Unknown	Unknown	Shaft housing	MC
LDA49	7D	8.59	-	Other	Cooker	Unknown	Unknown	Cable casing (x12)	IO
LDA50	38A	28.9	-	Other	Cooker	Unknown	Unknown	Control box	IO
LDA50	39B	0.00	-	Other	Cooker	Unknown	Unknown	Cable housing	IO
LDA50	41C	0.00	-	Other	Cooker	Unknown	Unknown	Knob	EB
LDA51	8A	0.00	-	Other	Cooker	Unknown	Unknown	Knob (x6)	EB
LDA52	42A	0.00	-	Other	Oven	Unknown	Unknown	Casing (x5)	EB
LDA52	43B	0.00	-	Other	Oven	Unknown	Unknown	Knob (x5)	EB
LDA52	44C	21.8	-	Other	Oven	Unknown	Unknown	Cable box	IO
LDA53	9A	6.65	-	Other	Oven	Hotpoint	Unknown	Housing	IO
LDA53	10B	0.00	-	Other	Oven	Hotpoint	Unknown	Control box	IO
LDA53	11C	0.00	-	Other	Oven	Hotpoint	Unknown	Control box	IO

Item	Scan	Br (%)	Sb (%)	Colour	Item source	Make	Model	Component description	Component Category
LDA53	12D	0.00	-	Other	Oven	Hotpoint	Unknown	Connector housing	IO
LDA53	13E	0.00	-	Other	Oven	Hotpoint	Unknown	Control box	IO
LDA53	14F	0.00	-	Other	Oven	Hotpoint	Unknown	Knob(x2)	EB
LDA54	45A	3.76	-	Other	Cooker	New World	Unknown	Fan	F
LDA54	46B	2.28	-	Other	Cooker	New World	Unknown	Control box	IO
LDA54	47C	0.00	-	Other	Cooker	New World	Unknown	Knob (x3)	EB
LDA54	48D	0.00	-	Other	Cooker	New World	Unknown	Light housing	EB

## B7 Office equipment

Site Name
SIMS, Stalybridge

Component category key:							
EB - External fixings	EC - External casing	FO - Foam	G - Cogs and gears	IF - Internal framework	IO - Electrical casings	MC - Motor and heater casing	F - Fans and fan housings

Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF1	1a	0.00	0.00	-	Black	Keyboard	Microsoft	1406	Front case	EC
OFF1	1b	0.02	0.01	-	Black	Keyboard	Microsoft	1406	Keys	EB
OFF1	1c	0.00	0.00	-	Black	Keyboard	Microsoft	1406	Back case	EC
OFF2	2a	0.00	0.00	-	Black	Keyboard	Dell	SK-8175	Front cover	EC
OFF2	2b	0.00	0.00	-	Black	Keyboard	Dell	SK-8175	Keys	EB
OFF2	2c	0.00	0.00	-	Black	Keyboard	Dell	SK-8175	Back cover	EC
OFF3	3a	0.13	0.00	20.7	Black	Mouse	Dell	MOC5UO	Back case	EC
OFF3	3b	0.00	0.00	-	Black	Mouse	Dell	MOC5UO	Front case	EC
OFF3	3c	0.00	0.00	-	Black	Mouse	Dell	MOC5UO	Front key	EB
OFF3	3d	0.00	0.00	-	Black	Mouse	Dell	MOC5UO	Inner connector	IO
OFF4	4a	0.00	0.01	-	Black	Phone	Cisco	7900	Receiver back case	EC
OFF4	4c	0.00	0.01	-	Black	Phone	Cisco	7900	Receiver handle	EC
OFF4	4d	0.00	0.01	-	Black	Phone	Cisco	7900	Receiver microphone case	EB
OFF4	4e	0.00	0.00	-	Black	Phone	Cisco	7900	Microphone casing	EB
OFF4	4f	0.00	0.00	-	Black	Phone	Cisco	7900	Speaker case	EB
OFF4	4g	0.00	0.01	-	Black	Phone	Cisco	7900	Inner loud speaker case	IF
OFF4	4h	0.01	0.01	30.0	Other	Phone	Cisco	7900	Front case part	EC
OFF4	4i	0.10	0.01	100	Black	Phone	Cisco	7900	Front case black	EC
OFF4	4j	0.00	0.01	-	Black	Phone	Cisco	7900	Back access panel	EC
OFF4	4k	0.00	0.01	-	Black	Phone	Cisco	7900	Back casing	EC
OFF5	5a	0.00	0.00	-	White	Printer	HP	SDGOB-1053	Scanner upper contact	IO
OFF5	5b	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Paper tray	EB

Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF5	5c	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Top flap	EB
OFF5	5d	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Top tray	EB
OFF5	5e	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Top case	EC
OFF5	5f	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Inner top case	IF
OFF5	5g	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Control panel back outside	IO
OFF5	5h	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Control panel front case inside	IO
OFF5	5i	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Control panel access	EB
OFF5	5j	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Ink cartridge (hp932)	IF
OFF5	5k	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Front panel	EB
OFF5	5l	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Unknown	Unknown
OFF5	5M	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Cartridges support system case	IF
OFF5	5o	0.00	0.00	-	Black	Printer	HP	SDGOB-1053	Inner paper feed	EB
OFF5	5p	14.1	2.43	-	Black	Printer	HP	SDGOB-1053	PCB component	IO
OFF6	6a	0.00	0.00	-	Black	Server case	HP	Unknown	Back case	EC
OFF7	7a	0.00	0.00	-	Black	Server case	HP	Unknown	Back case	EC
OFF8	8a	0.00	0.00	-	Black	Laptop	HP	650 G1	Front case	EC
OFF8	8b	0.00	0.00	-	Black	Laptop	HP	650 G1	Screen surround	EC
OFF8	8c	0.00	0.00	-	Other	Laptop	HP	650 G1	Keyboard case	EC
OFF8	8d	0.00	0.00	-	Black	Laptop	HP	650 G1	Mouse pad	EB
OFF8	8e	0.00	0.00	-	Black	Laptop	HP	650 G1	Left key	EB
OFF8	8f	0.01	0.00	-	Black	Laptop	HP	650 G1	Keyboard key	EB
OFF8	8g	0.00	0.00	-	Black	Laptop	HP	650 G1	Fan blade	F
OFF8	8h	0.00	0.00	-	Black	Laptop	HP	650 G1	Inner pcb support	IO
OFF8	8i	0.00	0.00	-	Black	Laptop	HP	650 G1	Inner case	IF
OFF8	8j	0.00	0.00	-	Black	Laptop	HP	650 G1	Inner case	IF
OFF9	9a	0.00	0.00	-	Black	Laptop	Asus	K46CM	Screen case	EB
OFF9	9b	0.01	0.00	-	Black	Laptop	Asus	K46CM	Keyboard case	EB
OFF9	9c	1.06	0.00	-	Black	Laptop	Asus	K46CM	Mouse pad	EB
OFF9	9d	0.00	0.00	-	Black	Laptop	Asus	K46CM	Fan blade	F
OFF9	9e	0.00	0.00	-	Black	Laptop	Asus	K46CM	CD tray	IF
OFF10	10a	0.00	0.01	-	White	Keyboard	Fujitsu	KB SCR GB	Front case	EC

Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF10	10b	0.00	0.00	-	White	Keyboard	Fujitsu	KB SCR GB	Key	EB
OFF10	10c	0.00	0.00	-	White	Keyboard	Fujitsu	KB SCR GB	Back case	EC
OFF10	10d	5.19	2.18	-	Black	Keyboard	Fujitsu	KB SCR GB	Card reader	IO
OFF11	11a	0.00	0.01	-	Black	Phone	Nortel networks	M3904	Back case	EC
OFF11	11b	0.00	0.01	-	Black	Phone	Nortel networks	M3904	Inside separator	IF
OFF11	11c	0.10	0.01	30.0	Black	Phone	Nortel networks	M3904	Receiver front	EC
OFF11	11d	0.18	0.01	30.0	Black	Phone	Nortel networks	M3904	Receiver back	EC
OFF11	11e	0.00	0.01	-	Black	Phone	Nortel networks	M3904	Pcb case	IO
OFF11	11f	0.00	0.00	-	Black	Phone	Nortel networks	M3904	Key	EB
OFF11	11g	0.00	0.01	-	Black	Phone	Nortel networks	M3904	Front case	EC
OFF12	12a	5.62	1.65	12.6	Black	Check out screen	XN 9000	VGIA	Fan blade	F
OFF12	12b	4.16	1.44	12.5	Black	Check out screen	XN 9000	VGIA	Fan blade	F
OFF12	12c	1.04	0.01	40.0	Black	Check out screen	XN 9000	VGIA	Power adapter front	IO
OFF12	12d	0.97	0.00	30.3	Black	Check out screen	XN 9000	VGIA	Power adapter back	IO
OFF13	13a	0.00	0.00	-	Black	Check out screen	Partner	SP-800	Back outer case	EC
OFF13	13c	0.00	0.00	-	Black	Check out screen	Partner	SP-800	Front frame	EC
OFF13	13d	8.27	2.71	64.0	Black	Check out screen	Partner	SP-800	Top screen back	EB
OFF13	13e	0.00	0.00	-	Black	Check out screen	Partner	SP-800	Top screen display	EB
OFF13	13f	7.98	2.61	93.0	Black	Check out screen	Partner	SP-800	Top screen frame	EB
OFF13	13g	0.02	0.00	-	Black	Check out screen	Partner	SP-800	Support	IF
OFF13	13h	0.02	0.00	73.0	Black	Check out screen	Partner	SP-800	Top screen hinge	IF
OFF13	13i	10.5	2.35	22.0	Black	Check out screen	Partner	SP-800	Pcb support	IO
OFF13	13j	6.46	1.99	15.0	Black	Check out screen	Partner	SP-800	Upper casing	IF
OFF15	15a	11.0	4.21	-	White	CRT monitor	Samsung	syn master 793S	Screen case	EB
OFF14	14a	0.00	0.00	-	White	Phone switchboard	Meridian	NTDL03BC-93	Key pad casing	EB
OFF14	14b	0.22	0.04	80.0	White	Phone switchboard	Meridian	NTDL03BC-93	Screen casing	EB

Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF14	14c	0.00	0.00	-	White	Phone switchboard	Meridian	NTDL03BC-93	Bottom casing	EC
OFF14	14d	0.00	0.01	-	White	Phone switchboard	Meridian	NTDL03BC-93	Receiver base	EC
OFF14	14e	0.00	0.00	-	White	Phone switchboard	Meridian	NTDL03BC-93	Front casing	EC
OFF14	14f	0.02	0.00	-	White	Phone switchboard	Meridian	NTDL03BC-94	Receiver base	EB
OFF15	15b	0.00	0.01	-	White	CRT monitor	Samsung	syn master 793S	Base	EC
OFF15	15c	0.00	0.02	-	White	CRT monitor	Samsung	syn master 793S	Base underside	EC
OFF15	15d	11.1	4.47	-	White	CRT monitor	Samsung	syn master 793S	Screen casing	EB
OFF16	16a	0.00	0.00	-	Black	Mouse	Genius	GM-04011P	Bottom casing	EC
OFF16	16b	0.00	0.00	-	White	Mouse	Genius	GM-04011P	Optic lens support	IF
OFF16	16c	0.00	0.00	-	Black	Mouse	Genius	GM-04011P	Top casing	EC
OFF16	16d	0.00	0.00	-	Black	Mouse	Genius	GM-04011P	Key	EB
OFF17	17a	0.00	0.00	-	White	Tablet	Kmax	K-A7S	Back casing	EC
OFF17	17b	0.00	0.00	-	Black	Tablet	Kmax	K-A7S	Inner support	IF
OFF18	18a	0.08	0.00	-	Black	Mini laptop	Soyo	PE-9800	Screen inner frame	IF
OFF18	18b	0.00	0.00	-	Other	Mini laptop	Soyo	PE-9800	Outer display frame	EB
OFF18	18c	0.00	0.00	-	Other	Mini laptop	Soyo	PE-9800	Screen back	EB
OFF18	18d	0.00	0.00	-	White	Mini laptop	Soyo	PE-9800	Key	EB
OFF18	18e	0.01	0.00	-	Black	Mini laptop	Soyo	PE-9800	Keyboard support	EB
OFF19	19a	0.02	0.02	-	Black	Laptop	HP	Compaq 6710B	Screen back	EB
OFF19	19b	0.00	0.00	-	Black	Laptop	HP	Compaq 6710B	Screen frame	EB
OFF19	19c	0.00	0.00	-	Black	Laptop	HP	Compaq 6710B	Secondary function display	EB
OFF19	19d	1.54	0.00	7.10	Black	Laptop	HP	Compaq 6710B	Mouse pad	EB
OFF19	19e	0.00	0.00	-	Black	Laptop	HP	Compaq 6710B	Keyboard casing	EB
OFF19	19f	0.00	0.00	-	Black	Laptop	HP	Compaq 6710B	Keyboard base	EB
OFF19	19g	0.00	0.00	-	Black	Laptop	HP	Compaq 6710B	Cd tray	EB
OFF19	19h	0.00	0.00	-	Black	Laptop	HP	Compaq 6710B	Keyboard key	EB
OFF19	19i	8.22	3.80	18.0	Black	Laptop	HP	Compaq 6710B	Fan blade	F
OFF19	19j	0.00	0.00	-	Black	Laptop	HP	Compaq 6710B	Access panel	EB
OFF19	19k	0.00	0.00	-	Black	Laptop	HP	Compaq 6710B	Back casing	EB
OFF20	20a	0.01	0.00	-	Other	Laptop	Dell	PP09S	Screen case back	EB



Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF20	20b	0.01	0.00	-	Black	Laptop	Dell	PP09S	Screen frame	EB
OFF20	20c	0.00	0.00	-	Black	Laptop	Dell	PP09S	Keyboard casing	EB
OFF21	21a	0.22	0.00	50.0	White	Telephone	Interquartz	98390	Back casing	EB
OFF21	21b	0.01	0.00	-	White	Telephone	Interquartz	98390	Front casing	EB
OFF21	21c	0.00	0.00	-	White	Telephone	Interquartz	98390	Receiver	EB
OFF22	22a	0.01	0.00	-	Other	PDA scanner	Wasp	HC1	Keypad	EB
OFF22	22b	0.00	0.00	-	Other	PDA scanner	Wasp	HC1	Back casing	EB
OFF23	23a	0.00	0.00	-	Other	Mobile phone	Vodafone	3109c	Keypad	EB
OFF23	23b	0.00	0.00	-	Other	Mobile phone	Vodafone	3109c	Screen frame	EB
OFF23	23c	0.00	0.00	-	Other	Mobile phone	Vodafone	3109c	Back cover	EC
OFF23	23d	0.00	0.02	-	Other	Mobile phone	Vodafone	3109c	Upper back cover	EC
OFF23	23e	0.00	0.00	-	Other	Mobile phone	Vodafone	3109c	Battery holder	EB
OFF24	24a	0.00	0.00	-	Black	Mobile phone	Nokia	C1-02	Back cover	EC
OFF24	24b	0.00	0.00	-	Black	Mobile phone	Nokia	C1-02	Screen frame	EB
OFF24	24c	0.00	0.00	-	Black	Mobile phone	Nokia	C1-02	Keypad	EB
OFF25	25a	0.00	0.00	-	Black	Mobile phone	Blackberry	9720	Screen frame	EB
OFF25	25b	0.00	0.06	-	Black	Mobile phone	Blackberry	9720	Back case	EC
OFF25	25c	0.00	0.00	-	Black	Mobile phone	Blackberry	9720	Battery holder	EB
OFF25	25d	0.00	0.00	-	White	Mobile phone	Blackberry	9720	Connector	IO
OFF26	26a	0.00	0.00	-	Other	Scales	PC international	Electronic mini scale	Balance surface	EB
OFF26	26b	0.00	0.00	-	Other	Scales	PC international	Electronic mini scale	Balance support	EB
OFF26	26d	0.00	0.00	-	Other	Scales	PC international	Electronic mini scale	Casing	EC
OFF26	26f	0.00	0.00	-	Other	Scales	PC international	Electronic mini scale	Control panel	EB
OFF27	27a	0.00	0.01	-	Black	Mouse	Fujitsu	MA106U	Back panel	EB
OFF27	27b	0.00	0.00	-	Black	Mouse	Fujitsu	MA106U	Scroll wheel	EB
OFF27	27c	0.01	0.00	-	Black	Mouse	Fujitsu	MA106U	Top case	EC
OFF27	27d	0.00	0.00	-	Black	Mouse	Fujitsu	MA106U	Key	EB
OFF28	28a	0.00	0.00	-	Black	Docking station	HP	A7E32AA	Base	EB
OFF28	28b	0.00	0.00	-	Black	Docking station	HP	A7E32AA	VGA socket	IO
OFF28	28c	0.00	0.00	-	Black	Docking station	HP	A7E32AA	USB socket	IO
OFF28	28d	0.01	0.00	-	Black	Docking station	HP	A7E32AA	Laptop support	EB
OFF29	29a	0.00	0.00	-	Other	Projector	Smart	UF65	Vent casing	EB

Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF29	29b	0.00	0.00	-	Other	Projector	Smart	UF65	Vent casing	EB
OFF29	29c	0.00	0.00	-	Other	Projector	Smart	UF65	Front casing	EB
OFF29	29d	0.00	0.00	-	Black	Projector	Smart	UF65	Projector support	EB
OFF29	29e	0.00	0.00	-	Black	Projector	Smart	UF65	Bulb insert	EB
OFF29	29f	0.29	0.37	39.0	Black	Projector	Smart	UF65	Fan case	F
OFF29	29h	5.12	1.54	41.0	Black	Projector	Smart	UF65	Fan blade	F
OFF29	29i	0.00	0.00	-	Black	Projector	Smart	UF65	Inner support	IF
OFF29	29j	0.00	0.00	-	Black	Projector	Smart	UF65	Lens frame	IF
OFF30	30a	0.00	0.00	-	Other	Printer	HP	Q6455A	Top case	EC
OFF30	30b	0.00	0.00	-	Other	Printer	HP	Q6455A	Case	EC
OFF30	30c	0.00	0.01	-	Other	Printer	HP	Q6455A	Display frame	EB
OFF30	30d	0.00	0.00	-	Black	Printer	HP	Q6455A	Inner tray	IF
OFF30	30e	0.00	0.00	-	Black	Printer	HP	Q6455A	Inner tray	IF
OFF30	30f	0.00	0.00	-	Other	Printer	HP	Q6455A	Case	EC
OFF30	30g	0.00	0.00	-	Other	Printer	HP	Q6455A	Inner support	IF
OFF30	30h	0.00	0.00	-	Black	Printer	HP	Q6455A	Rolling mechanism	EB
OFF30	30i	0.00	0.00	-	Black	Printer	HP	Q6455A	Inner mechanism	IF
OFF30	30j	0.00	0.00	-	White	Printer	HP	Q6455A	Fan blade	F
OFF31	31a	0.00	0.00	-	Other	Printer	HP	Laser Jet P1505n	Case	EC
OFF31	31b	0.00	0.01	-	Other	Printer	HP	Laser Jet P1505n	Paper outlet	EB
OFF31	31c	8.67	5.16	63.0	Black	Printer	HP	Laser Jet P1505n	Paper outlet mechanism	MC
OFF31	31e	8.20	1.53	129	Black	Printer	HP	Laser Jet P1505n	Laser casing	IO
OFF31	31f	0.00	0.00	-	Black	Printer	HP	Laser Jet P1505n	Inner working	IF
OFF31	31g	0.00	0.00	-	Black	Printer	HP	Laser Jet P1505n	Inner working	IF
OFF31	31h	9.10	6.38	52.0	Black	Printer	HP	Laser Jet P1505n	Rolling mechanism	MC
OFF31	31j	9.93	3.26	17.0	Black	Printer	HP	Laser Jet P1505n	Rolling mechanism	MC
OFF31	31k	0.00	0.00	-	Black	Printer	HP	Laser Jet P1505n	Inner tray	IF
OFF32	32a	4.63	3.59	200	Other	Unknown	Musashi	tellac-8	Inner frame	IF
OFF32	32b	0.00	0.00	-	Other	Unknown	Musashi	tellac-8	Roller	MC
OFF32	32c	0.00	0.00	-	White	Unknown	Musashi	tellac-8	Case	EC
OFF32	32e	0.00	0.01	-	Other	Unknown	Musashi	tellac-8	Display frame	EB
OFF32	32f	6.01	2.86	3.00	Other	Unknown	Musashi	tellac-8	Connector	IO

Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF32	32g	0.00	0.00	-	Other	Unknown	Musashi	tellac-8	Handle	EB
OFF33	33b	0.00	0.00	-	White	CCD reader	Unknown	DLC4080-M1	Case	EC
OFF33	33c	0.13	0.00	5.00	Black	CCD reader	Unknown	DLC4080-M1	Scanning case	EC
OFF34	34a	0.00	0.00	-	White	Check out display	IEE	A1409-P324-1106	Back case	EC
OFF34	34b	0.00	0.00	-	White	Check out display	IEE	A1409-P324-1106	Bracket	EB
OFF34	34c	0.00	0.00	-	White	Check out display	IEE	A1409-P324-1106	Screen frame	EB
OFF35	35a	0.00	0.02	-	Black	Phone	Nortel networks	NTNG34EA70	Back case	EB
OFF35	35b	0.00	0.01	-	Black	Phone	Nortel networks	NTNG34EA70	Separator	IF
OFF35	35c	0.00	0.01	-	Black	Phone	Nortel networks	NTNG34EA70	Display case	EB
OFF35	35e	0.00	0.00	-	Black	Phone	Nortel networks	NTNG34EA70	Receiver	EB
OFF36	36a	0.00	0.00	-	Black	Chip and Pin Reader	ingenico	IPP350	Front case	EC
OFF36	36b	0.00	0.00	-	Black	Chip and Pin Reader	ingenico	IPP350	Back case	EC
OFF36	36c	0.00	0.00	-	Black	Chip and Pin Reader	ingenico	IPP350	Inner support	IF
OFF36	36d	0.00	0.00	-	Black	Chip and Pin Reader	ingenico	IPP350	Access panel	EB
OFF36	36e	0.00	0.00	-	Other	Chip and Pin Reader	ingenico	IPP350	Keypad back	EB
OFF37	37a	0.00	0.00	-	White	Digital super hybrid system	Panasonic	D816	Top case	EC
OFF37	37b	9.58	3.10	59.0	White	Digital super hybrid system	Panasonic	D816	Cable housing	IO
OFF37	37d	0.00	0.00	-	White	Digital super hybrid system	Panasonic	D816	Inner support	IF
OFF37	37i	11.8	2.97	429	White	Digital super hybrid system	Panasonic	D816	Bottom casing	EC
OFF37	37j	10.5	2.57	9.00	Other	Digital super hybrid system	Panasonic	D816	Power display	IO
OFF37	37k	0.00	0.00	-	White	Digital super hybrid system	Panasonic	D816	Connector	IO
OFF37	37l	0.00	0.00	-	White	Digital super hybrid system	Panasonic	D816	Front case	EC
OFF37	37m	11.1	2.68	350	White	Digital super hybrid system	Panasonic	D816	Inner case	IF
OFF38	38a	8.94	2.87	17.0	White	Digital super hybrid system	Panasonic	D816	Access panel	IO
OFF38	38b	0.00	0.00	-	Black	Network switch	Belkin	P56628uk	Top case	EC

Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF39	39a	0.00	0.00	-	Other	Laptop	Toshiba	4010CDT	Screen case	EB
OFF39	39b	0.00	0.00	-	Other	Laptop	Toshiba	4010CDT	Keyboard case	EB
OFF39	39c	0.00	0.00	-	Other	Laptop	Toshiba	4010CDT	Key	EB
OFF39	39d	0.00	0.00	-	Other	Laptop	Toshiba	4010CDT	Battery case	EB
OFF39	39e	0.00	0.00	-	Other	Laptop	Toshiba	4010CDT	Cd tray	IF
OFF40	40a	0.00	0.00	-	Black	Network switch	Belkin	P56628uk	Bottom casing	EC
OFF40	40b	0.00	0.00	-	Black	Tablet	Unknown	Unknown	Back casing	EC
OFF40	40d	0.00	0.00	-	Other	Tablet	Unknown	Unknown	Frame	EC
OFF41	41a	0.00	0.00	-	Other	Telephone	Interquartz	voyager memory phone	Back cover	EC
OFF41	41b	0.00	0.00	-	Other	Telephone	Interquartz	voyager memory phone	Key pad casing	EB
OFF41	41c	0.00	0.00	-	Other	Telephone	Interquartz	voyager memory phone	Receiver	EB
OFF41	41d	0.00	0.00	-	Other	Telephone	Interquartz	voyager memory phone	Inner support	IF
OFF42	42a	0.00	0.01	-	Black	Printer	Epson	B411B (Stylus R265)	Casing	EC
OFF42	42b	0.00	0.01	-	Black	Printer	Epson	B411B (Stylus R265)	Cartridge case	IF
OFF42	42c	0.00	0.00	-	Black	Printer	Epson	B411B (Stylus R265)	Roller mechanism	MC
OFF42	42d	0.00	0.01	-	Black	Printer	Epson	B411B (Stylus R265)	Roller mechanism	MC
OFF42	42e	0.00	0.02	-	Black	Printer	Epson	B411B (Stylus R265)	Inner cover	IF
OFF42	42f	0.00	0.00	-	Black	Printer	Epson	B411B (Stylus R265)	Top case	EC
OFF42	42g	0.00	0.00	-	Other	Printer	Epson	B411B (Stylus R265)	Inner casing	IF
OFF43	43a	0.16	0.02	81.0	Black	Power adapter	Symbol	P/N 50-14000-109	Front case	EC
OFF43	43b	0.19	0.03	57.0	Black	Power adapter	Symbol	P/N 50-14000-109	Back case	EC
OFF44	44a	0.00	0.00	-	Black	Power adapter	IBM	P/N 42H1176 115	Front case	EC
OFF44	44c	0.00	0.00	-	Black	Power adapter	IBM	P/N 42H1176 115	Back case	EC
OFF45	45a	0.00	0.00	-	Other	Fan	Pre-i-air	EH1622	Fan blade	F
OFF45	45c	0.14	0.00	36.2	White	Fan	Pre-i-air	EH1622	Base	EC
OFF45	45d	0.12	0.00	125	White	Fan	Pre-i-air	EH1622	Base	EC
OFF45	45e	0.00	0.00	-	Other	Fan	Pre-i-air	EH1622	Control	EB
OFF45	45f	0.12	0.00	67.3	White	Fan	Pre-i-air	EH1622	Motor cover	MC
OFF46	46a	0.00	0.00	-	White	Printer	Canon	M111041	Outer case	EC
OFF46	46b	0.00	0.00	-	Black	Printer	Canon	M111041	Outer frame	EC
OFF46	46c	0.00	0.00	-	White	Printer	Canon	M111041	Mechanism casing	MC

Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF47	47a	1.45	0.00	43.0	Black	Unknown	Hypercom	P1100	Front casing	EC
OFF47	47b	0.08	0.01	79.0	Black	Unknown	Hypercom	P1100	Back casing	EC
OFF47	47c	0.00	0.00	-	Black	Unknown	Hypercom	P1100	Key pad support	EB
OFF48	48a	0.00	0.00	-	Other	Fax machine	Brother	FAX-T104	Inner casing	IF
OFF48	48b	0.01	0.01	-	Black	Fax machine	Brother	FAX-T104	Inner support	IF
OFF48	48c	0.00	0.00	-	White	Fax machine	Brother	FAX-T104	Inner support	IF
OFF48	48d	0.00	0.00	-	Other	Fax machine	Brother	FAX-T104	Control panel	EB
OFF48	48e	0.01	0.01	-	Other	Fax machine	Brother	FAX-T104	Inner structure	IF
OFF49	49a	5.39	2.31	41.3	Black	Air filter	Arctic Air	17013-B	Fan blade	F
OFF49	49b	5.51	3.39	52.1	Black	Air filter	Arctic Air	17013-B	Fan frame	F
OFF49	49c	0.00	0.00	-	Black	Air filter	Arctic Air	17013-B	Pcb case	IO
OFF49	49d	0.00	0.00	-	Other	Air filter	Arctic Air	17013-B	Grill	EB
OFF49	49e	0.01	0.00	-	Other	Air filter	Arctic Air	17013-B	Filter case	IF
OFF49	49f	0.00	0.00	-	Black	Air filter	Arctic Air	17013-B	Inner frame	IF
OFF49	49g	0.00	0.00	-	White	Air filter	Arctic Air	17013-B	Outer case	EC
OFF49	49h	0.00	0.00	-	Other	Air filter	Arctic Air	17013-B	Inner frame	IF
OFF50	50a	0.00	0.00	-	White	Printer	Brother	MFC 851ODN	Display back case	EC
OFF50	50b	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Control panel case	EC
OFF50	50c	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Outer casing	EC
OFF50	50d	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Inner casing	IF
OFF50	50f	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Inner casing	IF
OFF50	50h	0.06	0.00	22.8	Black	Printer	Brother	MFC 851ODN	Black strip	IF
OFF50	50i	0.00	0.00	-	White	Printer	Brother	MFC 851ODN	White strip	IF
OFF50	50j	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Tray	EB
OFF50	50k	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Inner case	IF
OFF50	50l	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Roller mechanism	MC
OFF50	50m	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Component case	IO
OFF50	50n	5.81	1.06	112	Black	Printer	Brother	MFC 851ODN	Roller mechanism	MC
OFF50	50o	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Top case	EC
OFF50	50p	5.55	1.57	23.2	Black	Printer	Brother	MFC 851ODN	Fan blade	F
OFF50	50q	5.50	2.25	31.3	Black	Printer	Brother	MFC 851ODN	Fan case	F
OFF50	50r	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Laser system case	IO

Item	Scan	Br (%)	Sb (%)	Weight (g)	Colour	Item source	Make	Model	Component description	Component
OFF50	50s	6.41	1.28	150	Black	Printer	Brother	MFC 851ODN	Roller mechanism	MC
OFF50	50t	7.05	1.11	150	Black	Printer	Brother	MFC 851ODN	Roller mechanism	MC
OFF50	50u	0.00	0.00	-	Black	Printer	Brother	MFC 851ODN	Roller mechanism	MC
OFF51	51a	8.56	2.16	25.0	Black	Laptop	Dell	pp18l	Fan	F
OFF51	51b	0.01	0.00	-	Black	Laptop	Dell	pp18l	Cd tray	IF
OFF51	51c	1.86	0.00	12.0	Black	Laptop	Dell	pp18l	Button	EB
OFF51	51d	0.00	0.00	-	Black	Laptop	Dell	pp18l	Button frame	EB
OFF51	51e	0.00	0.00	-	Black	Laptop	Dell	pp18l	Key casing	EB
OFF51	51f	0.00	0.00	-	Black	Laptop	Dell	pp18l	Screen casing	EB
OFF51	51g	0.00	0.00	-	Black	Laptop	Dell	pp18l	Inner frame	IF
OFF51	51h	0.00	0.00	-	Black	Laptop	Dell	pp18l	Screen frame	EB

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Component category key:							
EB - External fixings	EC - External casing	FO - Foam	G - Cogs and gears	IF - Internal framework	IO - Electrical casings	MC - Motor and heater casing	F - Fans and fan housings

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item Source	Make	Model	Component	Component category.
OFF1	1A	0.00	0.00	-	Black	Docking station	HP	HSTNN-IX01	Outer casing	EC
OFF1	1B	0.00	0.00	-	Black	Docking station	HP	HSTNN-IX01	Outer casing	EC
OFF2	2A	0.01	0.00	-	Black	Docking station	Toshiba	10180168	Outer casing	EC
OFF3	3A	0.00	0.00	-	Black	Docking station	Fujitsu	FPCPR101	Back casing	EC
OFF4	4A	0.06	0.00	-	Black	Docking station	Fujitsu	FPCPR101	Outer casing	EC
OFF5	5A	0.05	0.06	-	Black	Docking station	Dell	DP/N 078HR1	Outer casing	EC
OFF5	5B	0.04	0.05	-	Black	Docking station	Dell	DP/N 078HR1	Outer casing	EC
OFF6	6A	0.01	0.00	-	Other	Computer	Unknown	V622349	Outer casing	EC
OFF7	7A	0.00	0.02	74.7	Other	Unknown	Unknown	Unknown	Internal casing	IF
OFF8	8A	0.00	0.00	98.7	Other	Unknown	HP	Unknown	Outer casing	EC
OFF9	9A	0.00	0.00	97.5	Other	Unknown	HP	Unknown	Outer casing	EC
OFF10	10A	0.00	0.00	52.8	Other	Unknown	HP	Unknown	Internal casing	IF
OFF11	11A	0.00	0.00	47.3	Other	Unknown	Unknown	Unknown	Internal framework	IF
OFF12	12A	0.00	0.00	181	Other	Unknown	Unknown	Unknown	Front panel	EB
OFF12	12B	0.00	0.00	181	Other	Unknown	Unknown	Unknown	Front panel	EB
OFF13	13A	0.00	0.00	535	Black	Unknown	HP	AH167A	Internal framework	IF
OFF13	13B	0.00	0.00	535	Other	Unknown	Unknown	Unknown	Internal casing	IF
OFF14	14A	0.00	0.02	>2,000	Black	Toner	Unknown	Unknown	Outer casing	EC
OFF14	14B	0.00	0.00	>2,000	Black	Toner	Unknown	Unknown	Internal framework	IF
OFF15	15A	0.00	0.00	111	Black	Toner	HP	Unknown	Internal casing	IF
OFF16	16A	0.00	0.00	99.1	Black	Laser Printer	Dell	1230C	Internal casing	IF
OFF17	17A	5.50	0.68	778	Black	Toner	Unknown	Unknown	Internal framework	IF
OFF18	18A	0.00	0.00	1,226	Black	Toner	Unknown	Unknown	Unknown	Unknown
OFF19	19A	0.00	0.01	54.6	White	Toner	Unknown	Unknown	Internal framework	IF
OFF20	20A	0.00	0.02	55.1	White	Toner	Unknown	Unknown	Internal framework	IF
OFF21	21A	0.00	0.01	55.3	White	Toner	Unknown	Unknown	Internal framework	IF

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item Source	Make	Model	Component	Component category.
OFF22	22A	0.00	0.02	85.0	Other	Micro Transceiver	Allied Telesyn International	AT-210TS	Electrical casing	IO
OFF23	23A	0.00	0.00	153	Black	Handset	Unknown	Unknown	External casing	EC
OFF24	24A	0.00	0.00	153	Black	Handset	Unknown	Unknown	External casing	EC
OFF25	25A	0.10	0.02	63.3	Black	Remote control	Interlink	VP4815	Electrical casing	IO
OFF26	26A	0.08	0.00	72.5	Black	Adapter	Aten	CS22U	Electrical casing	IO
OFF27	27A	0.00	0.00	152	Black	Handset	Unknown	Unknown	External casing	EC
OFF28	28A	0.02	0.00	171	Other	Unknown	Wharfedale	Unknown	External casing	EC
OFF28	28B	0.14	0.01	171	Black	Unknown	Unknown	Unknown	External casing	EC
OFF29	29A	0.05	0.00	804	Other	Telephone	Nortel	Unknown	External casing	EC
OFF29	29B	0.42	0.08	804	Black	Telephone	Nortel	Unknown	External casing	EC
OFF30	30A	0.00	0.00	864	Black	Keyboard	Dell	SK-8135	External casing	EC
OFF30	30B	0.00	0.00	864	Black	Keyboard	Dell	Unknown	External casing	EC
OFF30	30C	0.01	0.00	864	Other	Keyboard	Dell	Unknown	External casing	EC
OFF31	31A	0.16	0.01	583	Black	Keyboard	HP	PR1101U	External casing	EC
OFF31	31B	0.05	0.01	583	Black	Keyboard	HP	PR1101U	External casing	EC
OFF32	32A	0.09	0.01	873	Black	Keyboard	HP	KU-0316	External casing	EC
OFF32	32B	0.10	0.00	873	Other	Keyboard	HP	KU-0316	External casing	EC
OFF32	32C	0.09	0.02	873	Black	Keyboard	HP	KU-0316	External casing	EC
OFF33	33A	0.25	0.00	733	Black	Keyboard	Dell	KB1421	External casing	EC
OFF33	33B	0.01	0.00	733	Black	Keyboard	Dell	KB1421	External casing	EC
OFF34	34A	0.09	0.05	690	Black	Keyboard	Montery keyboard	K371	External casing	EC
OFF34	34B	0.04	0.01	690	Black	Keyboard	Montery keyboard	K371	External casing	EC
OFF35	35A	0.03	0.01	436	Black	Keyboard	Dell	KB216t	External casing	EC
OFF35	35B	0.03	0.01	436	Black	Keyboard	Dell	KB216t	External casing	EC
OFF36	36A	0.07	0.01	782	Black	Keyboard	HP	KB57211	External casing	EC
OFF36	36B	0.07	0.01	782	Black	Keyboard	HP	KB57211	External casing	EC
OFF37	37A	0.10	0.01	1,005	Black	Docking station	HP	HSTNN-1X01	External casing	EC
OFF37	37B	0.01	0.00	1,005	Black	Docking station	HP	HSTNN-1X01	External casing	EC
OFF38	38A	0.00	0.00	1,034	Black	Docking station	HP	HSTNN-1X01	External casing	EC
OFF38	38B	0.00	0.00	1,034	Black	Docking station	HP	HSTNN-1X01	External casing	EC
OFF39	39A	0.00	0.00	748	Black	Docking station	HP	D9Y32AA	External casing	EC
OFF39	39B	0.00	0.00	748	Black	Docking station	HP	D9Y32AA	External casing	EC



Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item Source	Make	Model	Component	Component category.
OFF40	40A	0.00	0.00	1,071	Other	Docking station	HP	HSTNN-109X	External casing	EC
OFF40	40B	0.00	0.00	1,071	Black	Docking station	HP	HSTNN-109X	External casing	EC
OFF41	41A	0.01	0.01	1,011	Black	Docking station	HP	HSTNN-1X01	External casing	EC
OFF41	41B	0.00	0.00	1,011	Black	Docking station	HP	HSTNN-1X01	External casing	EC
OFF42	42A	0.60	0.00	456	Black	Docking station	Samsung	AA-RD0NDOC/UK	External casing	EC
OFF42	42B	0.06	0.00	456	Black	Docking station	Samsung	AA-RD0NDOC/UK	External casing	EC
OFF43	43A	0.01	0.00	423	Black	Docking station	Fujitsu	Esprimo	External casing	EC
OFF43	43B	0.00	0.00	423	Black	Docking station	Fujitsu	Esprimo	External casing	EC
OFF44	44A	0.00	0.00	763	Black	Docking station	HP	B9C87AA	External casing	EC
OFF44	44B	0.00	0.00	763	Black	Docking station	HP	B9C87AA	External casing	EC
OFF45	45A	0.01	0.00	289	Other	Docking station	Lifebook	FPCPR28B	Electrical casing	IO
OFF45	45B	0.00	0.00	289	Unknown	Docking station	Lifebook	FPCPR28B	Electrical casing	IO
OFF46	46A	0.01	0.00	1,070	Black	Docking station	HP	HSTNN-I11X	External casing	EC
OFF46	46B	0.01	0.00	1,070	Black	Docking station	HP	HSTNN-I11X	External casing	EC
OFF47	47A	0.14	0.00	228	Other	Docking station	Lifebook	FPCPR21	Electrical casing	IO
OFF47	47B	0.00	0.00	228	Other	Docking station	Lifebook	FPCPR21	Electrical casing	IO
OFF48	48A	0.00	0.00	743	Other	Docking station	Lifebook	FPCPR48	Electrical casing	IO
OFF48	48B	0.02	0.00	743	Other	Docking station	Lifebook	FPCPR48	Electrical casing	IO
OFF49	49A	0.00	0.00	164	White	Paper Tray	Xerox	Unknown	External casing	EC
OFF50	50A	0.00	0.00	45.3	White	Paper Tray	Xerox	Unknown	Internal casing	IF
OFF51	51A	4.00	1.57	50.5	Black	Paper Tray	Xerox	Unknown	Fan	F
OFF52	52A	0.00	0.00	434	Black	Paper Tray	Xerox	Unknown	External casing	EC
OFF53	53A	0.00	0.00	214	Black	Paper Tray	Xerox	Unknown	External casing	EC
OFF54	54A	0.00	0.00	70.9	Black	Paper Tray	Xerox	Unknown	Internal casing	IF
OFF55	55A	0.00	0.00	40.6	Black	Paper Tray	Xerox	Unknown	Internal framework	IF
OFF56	56A	0.00	0.00	201	White	Toner	Brother	HL-60	External casing	EC
OFF57	57A	0.00	0.00	83.5	White	Toner	Brother	HL-60	External casing	EC
OFF58	58A	0.00	0.00	378	White	Toner	Brother	HL-60	Internal framework	IF
OFF59	59A	0.00	0.00	62.5	White	Toner	Brother	HL-60	Internal framework	IF
OFF60	60A	0.00	0.00	289	White	Toner	Brother	HL-60	Internal framework	IF
OFF61	61A	0.00	0.00	424	Black	Toner	Brother	HL-60	Internal framework	IF
OFF62	62A	0.00	0.00	103	Black	Toner	Brother	HL-60	Internal framework	IF

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item Source	Make	Model	Component	Component category.
OFF63	63A	0.00	0.00	22.4	Other	Toner	Brother	HL-60	Internal framework	IF
OFF64	64A	6.44	2.53	84.1	Black	Toner	Brother	HL-60	Fan	F
OFF65	65A	0.00	0.00	15.4	Black	Toner	Brother	HL-60	Internal framework	IF
OFF66	66A	5.29	1.87	23.2	Black	Toner	Brother	HL-60	Fan	F
OFF67	67A	0.00	0.00	49.7	Black	Toner	Brother	HL-60	Internal framework	IF
OFF68	68A	0.00	0.00	53.1	Black	Toner	Brother	HL-60	Internal framework	IF
OFF69	69A	0.00	0.00	12.9	White	Toner	Brother	HL-60	Internal framework	IF
OFF70	70A	0.01	0.00	124	Black	Toner	Brother	HL-60	Internal framework	IF
OFF71	71A	0.02	0.00	>2kg	Black	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF72	72A	0.00	0.01	298	White	Toner	Xerox	Phaser 3500	External framework	EC
OFF73	73A	0.00	0.01	102	White	Toner	Xerox	Phaser 3500	External framework	EC
OFF74	74A	0.00	0.00	244	White	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF75	75A	0.00	0.01	258	White	Toner	Xerox	Phaser 3500	External framework	EC
OFF76	76A	0.00	0.00	55.5	Clear	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF77	77A	4.67	2.31	76.8	Black	Toner	Xerox	Phaser 3500	Fan	F
OFF78	78A	0.00	0.00	61.3	Black	Toner	Xerox	Phaser 3500	External framework	EC
OFF79	79A	0.00	0.00	352	White	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF80	80A	0.00	0.00	30.4	White	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF81	81A	10.9	0.00	31.4	Black	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF82	82A	9.02	1.72	53.7	Black	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF83	83A	0.00	0.01	22.3	White	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF84	84A	0.00	0.00	13.6	Black	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF85	85A	9.19	1.65	169	Black	Toner	Xerox	Phaser 3500	Internal framework	IF
OFF86	86A	0.00	0.00	211	White	Printer	HP	BOISB-0804-00	External framework	EC
OFF87	87A	0.00	0.00	206	White	Printer	HP	BOISB-0804-00	External framework	EC
OFF88	88A	0.00	0.00	83.9	White	Printer	HP	BOISB-0804-00	External framework	EC
OFF89	89A	0.00	0.00	81.8	Black	Printer	HP	BOISB-0804-00	Internal framework	IF
OFF90	90A	0.00	0.00	158	Black	Printer	HP	BOISB-0804-00	Internal framework	IF
OFF91	91A	0.00	0.00	310	Black	Printer	HP	BOISB-0804-00	Internal framework	IF
OFF92	92A	0.00	0.00	230	Black	Printer	HP	BOISB-0804-00	Internal framework	IF
OFF93	93A	5.83	2.04	146	Black	Printer	HP	BOISB-0804-00	Internal framework	IF
OFF94	94A	0.00	0.00	44.1	Black	Printer	HP	BOISB-0804-00	Internal framework	IF

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item Source	Make	Model	Component	Component category.
OFF95	95A	0.00	0.00	144	Other	Printer	HP	BOISB-0804-00	Internal framework	IF
OFF96	96A	0.00	0.01	419	Other	Printer	HP	BOISB-0804-00	Internal framework	IF
OFF97	97A	0.00	0.00	124	Unknown	Printer	HP	BOISB-0804-00	Internal framework	IF
OFF98	98A	0.00	0.00	595	White	Copier	Canon	F138400	Internal framework	IF
OFF99	99A	0.00	0.01	367	Other	Copier	Canon	F138400	Internal framework	IF
OFF100	100A	2.66	1.00	182	Black	Copier	Canon	F138400	Internal framework	IF
OFF101	101A	0.00	0.00	250	Black	Copier	Canon	F138400	Internal framework	IF
OFF102	102A	0.00	0.02	129	Other	Copier	Canon	F138400	Internal framework	IF
OFF103	103A	8.33	2.08	344	Black	Copier	Canon	F138400	Internal framework	IF
OFF104	104A	6.59	1.29	33.7	Black	Copier	Canon	F138400	Internal framework	IF
OFF105	105A	0.00	0.01	192	Other	Copier	Canon	F138400	Internal framework	IF
OFF106	106A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF107	107A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF108	108A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF109	109A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF110	110A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF111	111A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF112	112A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF113	113A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF114	114A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF115	115A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF116	116A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF117	117A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF118	118A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF119	119A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF120	120A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF121	121A	0.00	0.00	-	Unknown	Printer	HP	B01SB-0804-00	Unknown	Unknown
OFF122	122A	0.00	0.00	-	Unknown	Toner	Brother	HL-60	Unknown	Unknown
OFF123	123A	0.00	0.00	-	Unknown	Toner	Brother	HL-60	Unknown	Unknown
OFF124	124A	0.00	0.00	-	Unknown	Toner	Brother	HL-60	Unknown	Unknown
OFF125	125A	0.00	0.00	-	Unknown	Toner	Brother	HL-60	Unknown	Unknown
OFF126	126A	0.00	0.00	-	Unknown	Toner	Brother	HL-60	Unknown	Unknown

Item	Scan	Br (%)	Sb (%)	Wt. (g)	Colour	Item Source	Make	Model	Component	Component category.
OFF127	127A	0.00	0.00	-	Unknown	Toner	Brother	HL-60	Unknown	Unknown
OFF128	128A	0.00	0.00	-	Unknown	Toner	Brother	HL-60	Unknown	Unknown
OFF129	129A	0.00	0.00	-	Unknown	Toner	Brother	HL-60	Unknown	Unknown
OFF130	130A	0.00	0.00	-	Unknown	Toner	Brother	HL-60	Unknown	Unknown
OFF131	131A	0.00	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF132	132A	0.00	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF133	133A	0.00	0.01	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF134	134A	0.00	0.01	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF135	135A	0.00	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF136	136A	0.00	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF137	137A	0.00	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF138	138A	10.5	1.94	45.0	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF139	139A	0.00	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF140	140A	0.01	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF141	141A	9.21	1.66	273	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF142	142A	0.00	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF143	143A	0.00	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown
OFF144	144A	0.00	0.00	-	Unknown	Toner	Xerox	Phaser 3500	Unknown	Unknown

## B8 PCB

Site Name
Environcom, Grantham

Item	Br (%)	Sb (%)	Item Source
PCB1	8.40	1.53	CRT
PCB2	7.70	0.01	CRT
PCB3	4.62	0.33	CRT
PCB4	2.43	0.03	CRT
PCB5	8.07	1.70	CRT
PCB6	1.81	2.21	CRT
PCB7	3.00	1.91	CRT
PCB8	0.09	0.08	CRT
PCB9	3.23	1.03	CRT
PCB10	3.57	0.33	CRT
PCB11	3.68	0.26	CRT
PCB12	3.87	0.01	CRT
PCB13	7.14	0.46	CRT
PCB14	3.69	0.00	CRT
PCB15	0.05	0.04	CRT
PCB16	5.22	0.01	CRT
PCB17	0.06	0.03	CRT
PCB18	3.05	0.01	CRT
PCB19	2.84	0.00	CRT
PCB20	0.09	0.28	CRT
PCB21	4.54	0.00	CRT
PCB22	2.06	0.00	CRT
PCB23	7.31	0.00	CRT
PCB24	7.58	0.00	CRT
PCB25	3.63	0.00	CRT
PCB26	9.46	0.00	SMW
PCB27	10.0	0.00	SMW
PCB28	8.28	0.00	SMW
PCB29	9.33	0.00	SMW
PCB30	1.41	0.01	SMW
PCB31	9.21	0.00	SMW
PCB32	4.24	0.00	SMW
PCB33	3.99	0.00	SMW
PCB34	6.79	0.00	SMW
PCB35	4.69	0.00	SMW
PCB36	7.74	0.00	SMW
PCB37	9.53	0.00	SMW
PCB38	0.04	0.00	SMW
PCB39	1.59	0.00	SMW
PCB40	0.96	0.00	SMW
PCB41	7.43	0.00	SMW
PCB42	3.58	0.01	SMW

Item	Br (%)	Sb (%)	Item Source
PCB43	0.67	0.00	SMW
PCB44	4.81	0.00	SMW
PCB45	0.41	0.01	SMW
PCB46	7.15	0.00	SMW
PCB47	4.93	0.00	SMW
PCB48	7.87	0.00	SMW
PCB49	6.45	0.00	SMW
PCB50	0.12	0.05	SMW
PCB51	2.03	0.10	CRT
PCB52	0.03	0.00	CRT
PCB53	5.69	0.58	CRT
PCB54	4.17	0.92	CRT
PCB55	5.54	0.00	CRT
PCB56	0.01	0.01	CRT
PCB57	0.69	0.03	CRT
PCB58	2.13	0.00	CRT
PCB59	0.16	0.00	CRT
PCB60	0.03	0.00	CRT
PCB61	0.37	0.00	CRT
PCB62	0.01	0.00	CRT
PCB63	7.64	1.23	CRT
PCB64	3.41	0.10	CRT
PCB65	3.08	0.00	CRT
PCB66	0.01	0.00	CRT
PCB67	0.08	0.12	CRT
PCB68	0.05	0.01	CRT
PCB69	4.28	1.34	CRT
PCB70	7.98	0.33	CRT
PCB71	0.82	0.11	CRT
PCB72	3.74	0.27	CRT
PCB73	2.80	0.00	CRT
PCB74	1.36	0.00	CRT
PCB75	0.01	0.02	CRT
PCB76	7.93	0.00	SMW
PCB77	0.07	0.00	SMW
PCB78	0.42	0.00	SMW
PCB79	4.42	0.00	SMW
PCB80	0.11	0.00	SMW
PCB81	1.70	0.00	SMW
PCB82	8.72	0.00	SMW
PCB83	8.02	0.00	SMW
PCB84	8.67	0.00	SMW
PCB85	0.21	0.00	SMW
PCB86	4.17	0.00	SMW
PCB87	0.19	0.00	SMW
PCB88	7.75	0.00	SMW
PCB89	10.3	0.06	SMW
PCB90	7.18	0.00	SMW

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Item	Br (%)	Sb (%)	Item Source
PCB91	7.65	0.00	SMW
PCB92	0.35	0.00	SMW
PCB93	7.26	0.00	SMW
PCB94	5.63	0.01	SMW
PCB95	4.99	0.00	SMW
PCB96	5.20	0.01	SMW
PCB97	3.91	0.00	SMW
PCB98	8.76	0.00	SMW
PCB99	0.64	0.01	SMW
PCB100	6.60	0.00	SMW

Site Name
Recycling Lives, Preston

Item	Br (%)	Sb (%)	Item Source
PCB1	2.03	0.01	CRT
PCB2	5.31	0.09	CRT
PCB3	0.20	1.33	CRT
PCB4	4.57	1.08	CRT
PCB5	1.50	0.00	CRT
PCB6	0.01	0.00	CRT
PCB7	0.82	0.00	CRT
PCB8	3.36	0.04	CRT
PCB9	0.02	0.01	CRT
PCB10	5.76	1.20	CRT
PCB11	0.33	0.00	CRT
PCB12	6.73	0.00	CRT
PCB13	5.81	1.84	CRT
PCB14	3.08	0.00	CRT
PCB15	3.09	0.14	CRT
PCB16	0.78	2.86	CRT
PCB17	3.49	1.47	CRT
PCB18	3.26	0.00	CRT
PCB19	4.59	1.17	CRT
PCB20	6.05	0.00	CRT
PCB21	4.35	0.00	CRT
PCB22	0.09	0.01	CRT
PCB23	5.42	2.02	CRT
PCB24	3.35	0.07	CRT
PCB25	3.98	0.00	CRT
PCB26	2.41	0.00	CRT
PCB27	0.01	0.00	CRT
PCB28	0.34	0.00	CRT
PCB29	4.40	1.95	CRT
PCB30	0.02	0.02	CRT
PCB31	0.41	0.18	CRT
PCB32	0.23	0.09	CRT
PCB33	0.29	0.91	CRT
PCB34	5.95	2.01	CRT
PCB35	3.34	0.04	CRT
PCB36	5.09	1.59	CRT
PCB37	6.48	0.00	CRT
PCB38	3.88	0.00	CRT
PCB39	3.78	0.00	CRT
PCB40	2.55	0.04	CRT
PCB41	6.09	0.00	CRT
PCB42	3.90	0.94	CRT



Item	Br (%)	Sb (%)	Item Source
PCB43	1.14	0.00	CRT
PCB44	3.69	0.03	CRT
PCB45	0.50	1.16	CRT
PCB46	4.43	0.02	CRT
PCB47	0.00	0.00	CRT
PCB48	4.08	0.99	CRT
PCB49	2.51	0.00	CRT
PCB50	3.87	0.01	CRT
PCB51	3.69	0.00	CRT
PCB52	3.49	1.03	CRT
PCB53	0.02	0.02	CRT
PCB54	4.54	2.06	CRT
PCB55	0.32	0.28	CRT
PCB56	0.01	0.00	CRT
PCB57	2.94	0.00	CRT
PCB58	0.72	0.53	CRT
PCB59	2.88	0.00	CRT
PCB60	5.97	0.00	CRT
PCB61	7.36	2.64	CRT
PCB62	2.67	0.00	CRT
PCB63	0.01	0.00	CRT
PCB64	4.77	0.42	CRT
PCB65	4.03	0.08	CRT
PCB66	3.06	0.00	CRT
PCB67	3.51	0.21	CRT
PCB68	4.13	0.00	CRT
PCB69	3.22	1.02	CRT
PCB70	5.54	2.19	CRT
PCB71	0.76	0.04	CRT
PCB72	0.37	0.49	CRT
PCB73	2.86	1.53	CRT
PCB74	6.12	0.82	CRT
PCB75	1.54	0.07	CRT
PCB76	2.94	0.01	CRT
PCB77	0.92	0.00	CRT
PCB78	2.71	0.00	CRT
PCB79	5.40	1.47	CRT
PCB80	4.13	0.00	CRT
PCB81	6.24	0.96	CRT
PCB82	5.32	1.56	CRT
PCB83	2.93	0.00	CRT
PCB84	2.63	0.00	CRT
PCB85	2.69	0.00	CRT
PCB86	6.47	0.65	CRT
PCB87	2.79	0.22	CRT
PCB88	1.29	0.00	CRT
PCB89	0.04	0.00	CRT
PCB90	1.76	0.00	CRT

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Item	Br (%)	Sb (%)	Item Source
PCB91	3.65	0.00	CRT
PCB92	5.73	1.95	CRT
PCB93	0.01	0.00	CRT
PCB94	2.89	0.00	CRT
PCB95	5.22	0.10	CRT
PCB96	0.02	0.00	CRT
PCB97	2.94	0.06	CRT
PCB98	5.49	1.13	CRT
PCB99	0.55	0.00	CRT
PCB100	3.67	0.00	CRT

Site Name
Viridor, St. Helens

Item	Br (%)	Sb (%)	Item Source
PCB1	2.82	0.02	Hard-drive
PCB2	0.03	0.00	Hard-drive
PCB3	0.00	0.01	Hard-drive
PCB4	6.67	0.00	Hard-drive
PCB5	0.00	0.00	Hard-drive
PCB6	5.40	0.04	Hard-drive
PCB7	4.22	0.00	Hard-drive
PCB8	2.76	0.00	Hard-drive
PCB9	0.00	0.00	Hard-drive
PCB10	1.07	0.01	Hard-drive
PCB11	3.93	0.00	Hard-drive
PCB12	0.00	0.00	Hard-drive
PCB13	0.02	0.00	Hard-drive
PCB14	0.00	0.00	Hard-drive
PCB15	0.00	0.01	Hard-drive
PCB16	0.00	0.00	Hard-drive
PCB17	0.06	0.00	Hard-drive
PCB18	0.02	0.01	Hard-drive
PCB19	0.03	0.00	Hard-drive
PCB20	0.00	0.00	Hard-drive
PCB21	3.17	0.00	Hard-drive
PCB22	6.80	0.00	Hard-drive
PCB23	0.02	0.00	Hard-drive
PCB24	6.60	0.01	Hard-drive
PCB25	0.00	0.00	Hard-drive
PCB26	0.00	0.00	Hard-drive
PCB27	2.98	0.00	Hard-drive
PCB28	0.00	0.00	Hard-drive
PCB29	5.85	0.03	Hard-drive
PCB30	5.81	0.00	Hard-drive
PCB31	2.14	0.01	SMW
PCB32	5.49	0.00	SMW
PCB33	0.73	0.00	SMW
PCB34	8.50	0.00	SMW
PCB35	5.18	0.00	SMW
PCB36	7.88	0.01	SMW
PCB37	7.51	0.00	SMW
PCB38	5.92	0.00	SMW
PCB39	0.07	0.00	SMW
PCB40	7.06	0.00	SMW
PCB41	6.46	0.00	SMW
PCB42	6.48	0.00	SMW
PCB43	8.63	0.00	SMW
PCB44	7.21	0.00	SMW

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Item	Br (%)	Sb (%)	Item Source
PCB45	5.72	0.00	SMW
PCB46	8.18	0.00	SMW
PCB47	7.79	0.00	SMW
PCB48	4.72	0.00	SMW
PCB49	1.80	0.01	SMW
PCB50	6.20	0.00	SMW
PCB51	1.75	0.02	SMW
PCB52	8.48	0.01	SMW
PCB53	8.53	0.00	SMW
PCB54	9.37	0.00	SMW
PCB55	5.37	0.00	SMW
PCB56	6.33	0.00	SMW
PCB57	3.67	0.00	SMW
PCB58	7.86	0.00	SMW
PCB59	6.71	0.00	SMW
PCB60	0.01	0.00	SMW

Site Name
Veolia, Bridgnorth

Item	Br (%)	Sb (%)	Item Source
PCB1	4.43	0.00	LED monitors
PCB2	4.70	0.00	LED monitors
PCB3	2.42	0.01	LED monitors
PCB4	4.64	0.02	LED monitors
PCB5	6.46	0.00	LED monitors
PCB6	3.18	1.91	LED monitors
PCB7	0.08	0.00	LED monitors
PCB8	3.40	0.00	LED monitors
PCB9	3.57	0.00	LED monitors
PCB10	4.67	0.00	LED monitors
PCB11	6.64	1.96	LED monitors
PCB12	0.02	0.00	LED monitors
PCB13	0.24	0.08	LED monitors
PCB14	3.02	0.00	LED monitors
PCB15	2.91	0.00	LED monitors
PCB16	2.41	1.89	LED monitors
PCB17	2.36	2.10	LED monitors
PCB18	7.10	0.00	LED monitors
PCB19	2.88	1.66	LED monitors
PCB20	6.35	0.24	LED monitors
PCB21	7.28	0.00	LED monitors
PCB22	6.22	0.03	LED monitors
PCB23	0.53	2.92	LED monitors
PCB24	5.36	0.07	LED monitors
PCB25	6.62	0.18	LED monitors
PCB26	2.92	0.00	Plasma
PCB27	6.36	0.00	Plasma
PCB28	4.56	0.00	Plasma
PCB29	4.57	0.00	Plasma
PCB30	0.42	0.00	Plasma
PCB31	3.49	0.06	LED monitors
PCB32	1.84	0.43	LED monitors
PCB33	0.02	0.00	LED monitors
PCB34	0.00	0.00	LED monitors
PCB35	0.90	0.00	LED monitors
PCB36	9.48	0.00	Unknown
PCB37	0.23	0.00	Unknown
PCB38	1.68	0.00	Unknown
PCB39	0.19	0.00	Unknown
PCB40	1.59	0.00	Unknown
PCB41	9.14	0.00	Unknown
PCB42	5.16	0.00	Unknown
PCB43	3.39	0.00	Unknown
PCB44	7.21	0.00	Unknown

Item	Br (%)	Sb (%)	Item Source
PCB45	4.24	0.00	Unknown
PCB46	0.08	0.00	Unknown
PCB47	2.99	0.00	Unknown
PCB48	0.33	0.01	Unknown
PCB49	8.26	0.00	Unknown
PCB50	8.65	0.08	Unknown
PCB51	0.22	0.00	Unknown
PCB52	7.53	0.00	Unknown
PCB53	6.57	0.02	Unknown
PCB54	1.44	0.01	Unknown
PCB55	0.24	0.00	Unknown
PCB56	6.12	0.00	Unknown
PCB57	0.18	0.00	Unknown
PCB58	6.95	0.00	Unknown
PCB59	4.37	0.01	Unknown
PCB60	2.73	0.00	Unknown
PCB61	1.78	0.01	Unknown
PCB62	9.00	0.00	Unknown
PCB63	0.19	0.01	Unknown
PCB64	5.50	0.00	Unknown
PCB65	2.85	0.01	Unknown
PCB66	2.67	0.00	Unknown
PCB67	7.49	0.00	Unknown
PCB68	0.48	0.01	Unknown
PCB69	4.62	0.00	Unknown
PCB70	5.04	0.00	Unknown
PCB71	0.03	0.00	Unknown
PCB72	2.32	0.00	Unknown
PCB73	1.28	0.00	Unknown
PCB74	0.17	0.01	Unknown
PCB75	0.80	0.00	Unknown
PCB76	3.53	0.00	Unknown
PCB77	5.56	0.00	Unknown
PCB78	1.06	0.00	Unknown

## B9 SMW

Site Name
Viridor, St. Helens

Component category key:							
EB - External fixings	EC - External casing	FO - Foam	G - Cogs and gears	IF - Internal framework	IO - Electrical casings	MC - Motor and heater casing	F - Fans and fan housings

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Large household appliance	Bread maker	23A	0.00	0.00	-	White	Body	EC	Pre
Large household appliance	Bread maker	23B	0.98	0.00	175	White	Front panel	EC	Pre
Large household appliance	Bread maker	23C	1.90	0.03	30.0	Other	Casing	EC	Pre
Large household appliance	Bread maker	23D	0.01	0.00	22.0	Other	Frame	IF	Pre
Large household appliance	Bread maker	23E	0.00	0.00	-	Other	Motor cover	MC	Pre
Large household appliance	Bread maker	28A	0.00	0.00	-	Other	Outer casing	EC	Pre
Large household appliance	Bread maker	28B	0.00	0.00	-	Other	Inner component	IF	Pre
Large household appliance	Bread maker	28C	0.00	0.00	-	Black	Frame	IF	Pre
Small appliance	Bread maker	431A	0.00	0.00	-	Black	Base	EC	Post
Small appliance	Bread maker	431B	0.01	0.00	-	Other	Control panel	EB	Post
Small appliance	Bread maker	431C	0.00	0.09	-	Other	Screen	EB	Post
Small appliance	Bread maker	431D	0.00	0.00	-	Other	Chamber	IF	Post
Small appliance	Bread maker	431E	0.00	0.00	-	White	Fan	F	Post
Small appliance	Bread maker	431G	2.92	0.00	-	Other	PCB structure	IO	Post
Small appliance	Bread maker	431H	18.2	4.06	32.0	Black	PCB structure	IO	Post
Small appliance	Bread maker	431I	0.23	0.00	31.0	Black	Wire housing	IO	Post
Small appliance	Bread maker	431J	12.3	3.58	6.00	White	Wire connector	IO	Post
Small appliance	Bread maker	431K	13.6	3.48	-	White	Wire connector	IO	Post
Small appliance	Bread maker	431L	0.01	0.04	6.00	Black	Chamber lip	IF	Post
Small appliance	Bread maker	431M	0.00	0.00	-	White	Wheel	EB	Post
Large household appliance	Heating appliance	1A	0.00	0.00	39.0	Unknown	Handle	EB	Post
Large household appliance	Heating appliance	1B	0.00	0.00	39.0	Unknown	Handle	EB	Post
Large household appliance	Heating appliance	1C	0.00	0.00	4.00	Unknown	Knob	EB	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Large household appliance	Heating appliance	1D	0.00	0.00	1.00	Unknown	Cable holder	IO	Post
Large household appliance	Heating appliance	3A	5.08	1.20	30.0	Black	Plastic handle	EB	Post
Large household appliance	Heating appliance	3B	0.00	0.00	8.00	Black	Cable guide	IO	Post
Large household appliance	Heating appliance	3C	0.00	0.00	8.00	Black	Cable guide	IO	Post
Large household appliance	Heating appliance	3D	0.78	0.11	3.00	Black	Knob	EB	Post
Large household appliance	Heating appliance	3E	0.01	0.00	21.0	Black	Switch box	IO	Post
Large household appliance	Heating appliance	3F	0.00	0.00	6.00	White	Unknown	IF	Post
Large household appliance	Heating appliance	4A	0.06	0.01	14.0	Black	Handle	EB	Post
Large household appliance	Heating appliance	4B	0.06	0.01	14.0	Black	Handle	EB	Post
Large household appliance	Heating appliance	11A	0.00	0.00	1.00	Other	Cover - soft plastic	EC	Post
Large household appliance	Heating appliance	11B	0.01	0.00	13.0	Black	Rubber type knob cover	EB	Post
Large household appliance	Heating appliance	11C	0.00	0.00	13.0	Black	Knob	EB	Post
Large household appliance	Heating appliance	11D	0.00	0.00	9.00	Other	Spacers	IF	Post
Large household appliance	Heating appliance	11E	0.00	0.00	19.0	Black	Knob	EB	Post
Large household appliance	Heating appliance	11F	0.00	0.00	24.0	Other	Biscuit connector	IO	Post
Large household appliance	Heating appliance	12A	15.2	5.20	55.0	Black	Tilt switch	IO	Post
Large household appliance	Heating appliance	12B	0.14	0.00	5.00	Black	Frame	IF	Post
Large household appliance	Heating appliance	12C	0.17	0.00	8.00	Black	Resistor holder	IO	Post
Large household appliance	Heating appliance	12D	0.18	0.05	15.0	Black	Switch box	IO	Post
Large household appliance	Heating appliance	12E	0.16	0.00	1.70	Black	Knob	EB	Post
Large household appliance	Heating appliance	22A	0.00	0.00	10.0	Black	Casing cover	EC	Pre
Large household appliance	Heating appliance	22B	0.00	0.00	9.00	Black	Knob	EB	Pre
Large household appliance	Heating appliance	22C	12.7	5.18	44.0	White	Connector	IO	Pre
Large household appliance	Heating appliance	24A	0.00	0.00	-	Black	Connector	IO	Pre
Large household appliance	Heating appliance	24B	0.00	0.00	-	White	Connector	IO	Pre
Large household appliance	Heating appliance	26A	0.00	0.00	-	Other	Foot stand	EB	Pre
Large household appliance	Heating appliance	26B	0.00	0.00	-	Other	Frame	IF	Pre
Large household appliance	Heating appliance	26C	0.00	0.00	-	Other	Fan	F	Pre
Large household appliance	Microwave	2A	5.96	1.70	51.0	Other	Plastic casing	IF	Post
Large household appliance	Microwave	2B	0.06	0.01	4.00	White	Cable clip	IO	Post
Large household appliance	Microwave	5A	0.00	0.00	101	Other	Front panel	EB	Post
Large household appliance	Microwave	5B	0.51	0.00	30.0	White	Frame	IF	Post



Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Large household appliance	Microwave	5C	0.34	0.00	36.0	Black	Switch box	IO	Post
Large household appliance	Microwave	5D	0.00	0.00	9.00	White	Fan	F	Post
Large household appliance	Microwave	5E	0.00	0.00	13.0	White	Plate roller	EB	Post
Large household appliance	Microwave	5F	18.6	3.73	6.00	Black	Connector	IO	Post
Large household appliance	Microwave	5G	0.00	0.00	13.0	Black	Light fixing	IO	Post
Large household appliance	Microwave	5H	0.00	0.00	15.0	Other	Two metal effect knobs	EB	Post
Large household appliance	Microwave	6A	0.01	0.00	68.0	White	Fan casing	F	Post
Large household appliance	Microwave	6B	0.00	0.00	13.0	White	Fan	F	Post
Large household appliance	Microwave	6C	0.00	0.00	22.0	Black	Back casing	IF	Post
Large household appliance	Microwave	6D	0.00	0.00	27.0	Black	Frame	IF	Post
Large household appliance	Microwave	6E	0.00	0.00	7.00	Black	Connector	IO	Post
Large household appliance	Microwave	6F	0.08	0.02	7.00	Black	Connector	IO	Post
Large household appliance	Microwave	6G	0.00	0.00	14.0	Black	Light fixing	IO	Post
Large household appliance	Microwave	7A	0.00	0.00	81.0	White	Fan casing	F	Post
Large household appliance	Microwave	7B	0.00	0.00	23.0	White	Fan	F	Post
Large household appliance	Microwave	7C	6.19	2.01	38.0	Black	Frame	IF	Post
Large household appliance	Microwave	7D	0.00	0.05	4.00	Other	Plate spindle	EB	Post
Large household appliance	Microwave	7E	7.09	3.23	4.00	Black	Part frame	IF	Post
Large household appliance	Microwave	7F	0.00	0.00	14.0	Black	Light fixing	IO	Post
Large household appliance	Microwave	8A	0.00	0.00	40.0	White	Frame	IF	Post
Large household appliance	Microwave	8B	0.00	0.00	30.0	White	Fan casing	F	Post
Large household appliance	Microwave	8C	12.2	5.42	26.0	White	Frame	IF	Post
Large household appliance	Microwave	8D	10.1	4.67	19.0	White	Frame	IF	Post
Large household appliance	Microwave	8E	0.00	0.01	16.0	Other	Blue fan	F	Post
Large household appliance	Microwave	8F	5.89	2.72	44.0	Black	Connection box	IO	Post
Large household appliance	Microwave	8G	3.47	1.90	14.0	White	Light fitting	IO	Post
Large household appliance	Microwave	8H	5.67	3.66	6.00	Black	Electrical casing	IO	Post
Large household appliance	Microwave	8I	5.43	3.33	6.00	Black	Electrical casing	IO	Post
Large household appliance	Microwave	8J	0.00	0.00	1.00	Black	Unknown	Unknown	Post
Large household appliance	Microwave	8K	0.02	0.00	10.0	White	Two plastic feet	EB	Post
Large household appliance	Microwave	9A	0.00	0.00	50.0	White	Frame	IF	Post
Large household appliance	Microwave	9B	0.03	0.01	1.00	White	Biscuit connector	IO	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Large household appliance	Microwave	9C	0.00	0.00	1.00	White	Connector	IO	Post
Large household appliance	Microwave	9D	4.24	0.00	8.00	White	Connector	IO	Post
Large household appliance	Microwave	9E	0.00	1.48	20.0	Other	Frame	IF	Post
Large household appliance	Microwave	9F	11.8	0.00	12.0	White	Fan	F	Post
Large household appliance	Microwave	9G	9.59	2.28	13.0	White	Wiring casing	IO	Post
Large household appliance	Microwave	9H	11.5	2.23	0.60	White	Plastic send solenoid	IO	Post
Large household appliance	Microwave	9I	0.00	0.00	14.3	Black	Connector	IO	Post
Large household appliance	Microwave	9L	8.11	1.58	4.00	Black	Connector	IO	Post
Large household appliance	Microwave	9M	0.01	0.00	11.0	Black	Light fitting	IO	Post
Large household appliance	Microwave	9N	0.30	0.03	10.5	Black	Frame	IF	Post
Large household appliance	Microwave	9O	0.00	0.00	3.70	Black	Foot	EB	Post
Large household appliance	Microwave	9P	0.00	0.00	145	Black	Connection on capacitor	IO	Post
Large household appliance	Microwave	9Q	0.00	0.00	0.20	Black	Foam	FO	Post
Large household appliance	Microwave	10A	0.00	0.00	52.0	White	Frame	IF	Post
Large household appliance	Microwave	10B	0.01	0.00	11.0	Black	Fan	F	Post
Large household appliance	Microwave	10C	7.08	1.04	14.0	Black	Component case	IO	Post
Large household appliance	Microwave	10D	0.00	0.00	10.0	Other	Biscuit connector	IO	Post
Large household appliance	Microwave	10E	0.01	0.00	0.50	Other	Foam	FO	Post
Large household appliance	Microwave	10F	9.12	2.55	17.0	White	Wiring casing	IO	Post
Large household appliance	Microwave	14A	10.4	3.08	46.0	Black	Frame	IF	Post
Large household appliance	Microwave	14B	0.27	0.00	24.0	White	Frame	IF	Post
Large household appliance	Microwave	14C	0.00	0.00	8.50	White	Connector	IO	Post
Large household appliance	Microwave	14D	0.35	0.08	25.0	Black	Shell casing	IF	Post
Large household appliance	Microwave	14E	10.8	2.57	19.0	Black	Connector	IO	Post
Large household appliance	Microwave	15A	0.01	0.00	-	Black	Control panel	EC	Post
Large household appliance	Microwave	17A	7.38	2.63	11.0	Other	Connector long	IO	Pre
Large household appliance	Microwave	17B	18.4	4.25	12.0	Black	Connector long	IO	Pre
Large household appliance	Microwave	17C	5.37	3.08	6.00	Other	Connector	IO	Pre
Large household appliance	Microwave	17D	0.00	0.00	61.0	Black	Frame	IF	Pre
Large household appliance	Microwave	17E	0.00	0.00	415	White	Fan casing	F	Pre
Large household appliance	Microwave	17F	0.00	0.00	-	White	Fan	F	Pre
Large household appliance	Microwave	18A	0.00	0.00	11.0	Other	Frame	IF	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Large household appliance	Microwave	18B	8.51	1.85	7.00	Black	Connector	IO	Pre
Large household appliance	Microwave	18C	9.55	2.49	14.0	White	Connector	IO	Pre
Large household appliance	Microwave	18D	4.32	1.73	3.00	White	Connector	IO	Pre
Large household appliance	Microwave	18E	0.00	0.00	15.0	Other	Fan	F	Pre
Large household appliance	Microwave	18F	0.00	0.00	-	Black	Light fitting	EB	Pre
Large household appliance	Microwave	18G	0.00	0.00	-	White	Frame	IF	Pre
Large household appliance	Microwave	19A	0.00	0.00	-	Black	Panel frame	EC	Pre
Large household appliance	Microwave	19B	0.51	0.03	-	Other	Button	EB	Pre
Large household appliance	Microwave	19C	0.00	0.00	-	White	Fan	F	Pre
Large household appliance	Microwave	19D	9.10	5.60	19.0	Black	Component case	IO	Pre
Large household appliance	Microwave	19E	0.00	0.00	34.0	Other	Wire casing	IO	Pre
Large household appliance	Microwave	19F	0.00	0.00	6.00	Black	Frame	IF	Pre
Large household appliance	Microwave	19G	0.00	0.00	8.00	Other	Plate seat	EB	Pre
Large household appliance	Microwave	19H	0.00	0.00	5.00	Black	Foot	EB	Pre
Large household appliance	Microwave	21A	11.0	2.01	20.0	Black	Connector x 3	IO	Pre
Large household appliance	Microwave	21B	0.00	0.00	-	White	Fan casing	F	Pre
Large household appliance	Microwave	21C	0.00	0.00	-	White	Fan	F	Pre
Large household appliance	Microwave	21D	14.4	3.39	29.0	Black	Frame	IF	Pre
Large household appliance	Microwave	21E	0.00	0.00	-	Black	Connector on capacitor	IO	Pre
Large household appliance	Microwave	21F	0.00	0.00	-	Black	Light fitting	EB	Pre
Large household appliance	Microwave	25A	18.8	5.04	-	Other	Fan casing	F	Pre
Large household appliance	Microwave	25B	15.2	3.70	4.00	Other	Fan	F	Pre
Large household appliance	Microwave	25C	0.00	0.00	7.00	Other	Motor housing	MC	Pre
Large household appliance	Microwave	25D	0.01	0.00	-	Other	Biscuit connector	IO	Pre
Large household appliance	Microwave	25E	9.83	0.68	-	Other	Component casing	IO	Pre
Large household appliance	Microwave	29A	0.11	0.05	229	Other	Front panel	EC	Pre
Large household appliance	Microwave	29B	0.00	0.00		Other	Knob	EB	Pre
Large household appliance	Microwave	30A	0.06	0.06	214	Other	Front panel	EC	Pre
Large household appliance	Microwave	30B	0.01	0.01	-	Other	Knob	EB	Pre
Large household appliance	Mini heater and cooler	13A	0.00	0.00	365	Other	Back panel	EC	Post
Large household appliance	Mini heater and cooler	13B	0.00	0.00	1,235	Other	Middle section	EC	Post
Large household appliance	Mini heater and cooler	13C	6.60	1.96	62.0	Black	Fan	F	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Large household appliance	Mini heater and cooler	13D	0.00	0.00	-	Other	Foam	FO	Post
Large household appliance	Mixer	16A	0.01	0.00	108	Black	Motor housing	MC	Post
Large household appliance	Mixer	16B	0.19	0.00	-	White	Impeller	F	Post
Large household appliance	Mixer	16C	0.00	0.01	-	Other	Mount plate	IF	Post
Large household appliance	Mixer	16D	0.00	0.00	-	White	Side panel	EB	Post
Large household appliance	Mixer	16E	0.00	0.00	-	Other	Spindle on base	EB	Post
Large household appliance	Oven/Grill	20A	0.00	0.00	-	Black	Knob	EB	Pre
Large household appliance	Oven/Grill	20B	0.00	0.01	-	White	Casing	EC	Pre
Large household appliance	Oven/Grill	20C	1.42	0.76	4.00	Black	Frame	IF	Pre
Large household appliance	Shower box	27A	0.00	0.00	-	White	Outer casing	EC	Pre
Large household appliance	Shower box	27B	0.00	0.00	-	Other	Internal switch	IO	Pre
Large household appliance	Shower box	27C	0.04	0.00	-	Other	Housing heater	HC	Pre
Large household appliance	Shower box	27D	0.00	0.00	-	Other	Water pipe	IF	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Air bed pump	398A	0.00	0.02	-	Black	Outside casing	EC	Pre
Small appliance	Air bed pump	398B	0.00	0.00	-	Black	Base	EB	Pre
Small appliance	Air bed pump	398C	0.00	0.00	-	Black	Nozzle	EB	Pre
Small appliance	Air purifier	354A	0.03	0.02	-	Other	Top casing	EC	Post
Small appliance	Air purifier	354B	0.00	0.00	54.0	Other	Top casing	EC	Post
Small appliance	Air purifier	354C	0.00	0.00	-	Black	Outer casing	EC	Post
Small appliance	Air purifier	354D	0.00	0.01	-	Black	Base casing	EC	Post
Small appliance	Air purifier	354E	0.00	0.00	-	Other	Front vents	EB	Post
Small appliance	Air purifier	354F	0.00	0.00	-	Black	Inner framework	IF	Post
Small appliance	Air purifier	354G	0.00	0.00	-	Black	Stand	IF	Post
Small appliance	Air purifier	354H	0.02	0.00	-	Black	Bottom of stand	IF	Post
Small appliance	Air purifier	354I	0.01	0.00	-	Black	Fan	F	Post
Small appliance	Air purifier	354J	0.00	0.02	-	White	Motor housing	MC	Post
Small appliance	Air purifier	354K	0.00.1	0.01	-	Black	Switch box	IO	Post
Small appliance	Air purifier	354L	0.00	0.00	-	Other	Dial	EB	Post
Small appliance	Baby monitor	432A	0.01	0.00	-	White	Outer casing	EC	Post
Small appliance	Baby monitor	432B	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Baby monitor	432C	0.00	0.00	-	Other	Screen	EB	Post
Small appliance	Baby steriliser	412A	0.00	0.00	-	Black	Black base	EC	Pre
Small appliance	Baby steriliser	412B	0.00	0.00	-	White	Casing	EC	Pre
Small appliance	Baby steriliser	412C	0.00	0.00	-	White	Cable biscuit	IO	Pre
Small appliance	Clothes steamer	298A	0.00	0.00	-	White	Base	EC	Pre
Small appliance	Clothes steamer	298B	0.00	0.00	-	Other	Dial	EB	Pre
Small appliance	Clothes steamer	298C	0.00	0.00	-	Black	Motor cover	MC	Pre
Small appliance	Clothes steamer	419A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Clothes steamer	419B	0.02	0.04	-	Black	Dial	EB	Post
Small appliance	Clothes steamer	419C	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Clothes steamer	419D	0.00	0.00	-	White	Internal framework	IF	Post
Small appliance	Clothes steamer	419E	0.71	0.03	19.0	Black	Internal framework	IF	Post
Small appliance	Clothes steamer	419F	0.00	0.00	-	Black	Pump housing	MC	Post
Small appliance	Clothes steamer (handheld)	85A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Clothes steamer (handheld)	85B	0.00	0.00	-	Other	Handle	EB	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Clothes steamer (handheld)	85C	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Clothes steamer (handheld)	85D	0.00	0.00	-	Black	Under layer outer casing	IF	Post
Small appliance	Clothes steamer (handheld)	85E	0.00	0.00	-	Other	Base	EC	Post
Small appliance	Clothes steamer (handheld)	85F	0.10	0.00	15.0	Other	Outlet hose	IF	Post
Small appliance	Clothes steamer (handheld)	85G	0.02	0.00	-	Black	Boiler casing	HC	Post
Small appliance	Clothes steamer (handheld)	85H	0.00	0.00	-	Other	Cable connector	IO	Post
Small appliance	Coffee grinder	312A	0.00	0.00	-	Other	Top lid	EC	Post
Small appliance	Coffee grinder	312B	0.00	0.00	-	Black	Top lid	EC	Post
Small appliance	Coffee grinder	312C	0.00	0.00	-	Black	Base	EC	Post
Small appliance	Coffee grinder	312D	0.00	0.00	-	Black	Cable clip	IO	Post
Small appliance	Coffee grinder	395A	0.00	0.00	-	Black	Base framework	EB	Post
Small appliance	Coffee grinder	395B	0.00	0.00	-	Black	Base framework	EB	Post
Small appliance	Coffee grinder	395C	0.01	0.00	-	Other	Outer casing	EC	Post
Small appliance	Coffee grinder	395D	0.00	0.00	-	White	Rotor framework	MC	Post
Small appliance	Coffee grinder	395E	0.00	0.00	-	Other	Rotor	MC	Post
Small appliance	Coffee grinder	395F	0.01	0.01	-	Black	Rotor	NC	Post
Small appliance	Coffee machine	82A	0.00	0.00	-	White	Base	EC	Post
Small appliance	Coffee machine	82B	0.01	0.00	-	Black	Base frame	EC	Post
Small appliance	Coffee machine	82C	0.00	0.00	-	Black	Steam hose	IF	Post
Small appliance	Coffee machine	82D	0.00	0.00	-	Black	Steam hose frame	IF	Post
Small appliance	Coffee machine	82E	0.00	0.00	-	Other	Water container lid	EB	Post
Small appliance	Coffee machine	82F	11.0	1.63	29.0	Black	Components box	IO	Post
Small appliance	Coffee machine	82G	11.4	2.06	14.0	Black	Cable connector	IO	Post
Small appliance	Coffee machine	82H	12.7	3.02	-	Other	Cable connector	IO	Post
Small appliance	Coffee machine	308A	0.00	0.00	-	Black	Base	EC	Post
Small appliance	Coffee machine	308B	0.00	0.00	-	Black	Casing	EC	Post
Small appliance	Coffee machine	308C	0.02	0.00	-	Other	Panel	EB	Post
Small appliance	Coffee machine	418A	0.00	0.00	-	Black	Base	EB	Post
Small appliance	Coffee machine	418B	0.00	0.00	-	Black	Top case	EC	Post
Small appliance	Coffee machine	418C	0.00	0.00	-	Black	Outer capsule crusher	EB	Post
Small appliance	Coffee machine	418D	0.00	0.00	-	Black	Inside capsule crusher	IF	Post
Small appliance	Coffee machine	418E	0.00	0.00	-	Other	Side panels	EB	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Coffee machine	418F	0.00	0.00	-	Black	Internal framework	IF	Post
Small appliance	Coffee machine	418G	0.94	0.25	19.0	White	Control box case	IO	Post
Small appliance	Coffee machine	418H	5.28	1.41	12.6	White	Connectors	IO	Post
Small appliance	Coffee machine	418I	9.88	1.97	218	Other	Heater coating	HC	Post
Small appliance	Coffee machine	418J	0.00	0.00	-	Other	Pump base	MC	Post
Small appliance	Coffee machine	418K	0.00	0.00	-	Black	Nozzle	IF	Post
Small appliance	Coffee machine	456A	0.00	0.00	-	Black	Outer casing	EC	Post
Small appliance	Coffee machine	456B	0.00	0.00	-	Black	Inner casing	IF	Post
Small appliance	Coffee machine	456C	0.00	0.00	-	Black	Water pipe framework	IF	Post
Small appliance	Coffee machine	456D	0.03	0.01	18.0	Black	Lid	EB	Post
Small appliance	Coffee machine	456E	0.00	0.00	-	Black	Inner framework	IF	Post
Small appliance	Coffee machine	456F	0.00	0.00	-	Black	Inner framework	IF	Post
Small appliance	Coffee machine	456G	0.00	0.00	-	Black	Heater casing	HC	Post
Small appliance	Coffee machine	456H	2.07	0.38	15.0	White	Button inner framework	IF	Post
Small appliance	Coffee machine	456I	0.00	0.00	-	Other	Button framework	EB	Post
Small appliance	Coffee machine	456J	0.00	0.00	-	White	Inner framework	IF	Post
Small appliance	Coffee machine	456K	0.02	0.00	-	Black	Inner framework	IF	Post
Small appliance	Deep fat fryer	59A	0.00	0.00	-	Black	Handle	EB	Pre
Small appliance	Deep fat fryer	59B	0.38	0.07	17.0	Black	Frame	IF	Pre
Small appliance	Deep fat fryer	305A	0.00	0.00	-	Other	Cover	EC	Post
Small appliance	Deep fat fryer	305B	0.00	0.00	-	Black	Inner cover	IF	Post
Small appliance	Deep fat fryer	305C	0.00	0.00	-	Other	Casing	EC	Post
Small appliance	Deep fat fryer	305D	0.00	0.00	-	Other	Timer casing	EB	Post
Small appliance	Deep fat fryer	305E	5.88	1.90	6.00	White	Inner framework	IF	Post
Small appliance	Deep fat fryer	305F	0.00	0.00	-	Black	Inner framework	IF	Post
Small appliance	Deep fat fryer	305G	6.15	2.08	-	Black	Motor casing	MC	Post
Small appliance	Deep fat fryer	305H	0.00	0.00	-	Black	Fan	F	Post
Small appliance	Deep fat fryer	305I	5.81	2.21	-	Black	Fan	F	Post
Small appliance	Deep fat fryer	305J	0.00	0.00	-	Black	Heater framework	HC	Post
Small appliance	Deep fat fryer	305K	0.04	0.07	-	White	Internal clip	IF	Post
Small appliance	Deep fat fryer	305L	8.19	1.21	-	White	Motor frame work	MC	Post
Small appliance	Deep fat fryer	305M	0.00	0.06	-	Other	Internal framework	IF	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Deep fat fryer	305N	0.00	0.00	-	Black	Internal component	IO	Post
Small appliance	Deep fat fryer	305O	0.00	0.00	-	Black	Internal component	IO	Post
Small appliance	Deep fat fryer	330A	0.00	0.00	-	Black	Casing	EC	Pre
Small appliance	Deep fat fryer	330B	0.00	0.00	-	White	Biscuit connector	IO	Pre
Small appliance	Electric cooler	373A	0.00	0.00	-	White	White casing	EC	Post
Small appliance	Electric cooler	373B	5.33	2.30	43.0	Black	Fan	F	Post
Small appliance	Electric cooler	373C	0.00	0.00	-	White	Bracket	IF	Post
Small appliance	Electric heater	392A	8.30	2.09	227	Black	Outer casing	EC	Post
Small appliance	Electric heater	392B	0.01	0.00	-	Black	Fan casing	F	Post
Small appliance	Electric heater	392C	2.23	3.09	23.0	Black	Fan	F	Post
Small appliance	Electric heater	392D	8.65	2.42	83.0	Black	Inner framework	IF	Post
Small appliance	Electric heater	392E	9.29	2.57	47.0	Black	Inner framework	IF	Post
Small appliance	Electric heater	392F	0.33	0.13	53.0	Black	Inner framework	IF	Post
Small appliance	Electric heater	392G	10.0	2.63	96.0	Other	Outer framework	EC	Post
Small appliance	Electric heater	392H	0.00	0.00	-	Black	Grill framework	EB	Post
Small appliance	Electric heater	392I	9.09	2.33	88.0	Other	Control panel	IO	Post
Small appliance	Electric knife	341A	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Electric knife	341B	0.00	0.00	-	White	Knife holder	IF	Pre
Small appliance	Electric knife	341C	0.00	0.00	-	Other	Knife holder	IF	Pre
Small appliance	Electric knife	341D	0.00	0.00	-	Other	Motor casing	MC	Pre
Small appliance	Electric knife	341E	0.00	0.00	-	White	Motor casing	MC	Pre
Small appliance	Electric knife	409A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Electric knife	409B	0.00	0.05	-	White	Outer casing	EC	Pre
Small appliance	Electric knife	409C	0.00	0.00	-	White	Knife holder	IF	Pre
Small appliance	Electric knife	409D	0.00	0.00	-	Other	Knife holder	IF	Pre
Small appliance	Electric knife	409E	0.00	0.00	-	Other	Motor casing	MC	Pre
Small appliance	Electric knife	434A	0.00	0.01	-	WHITE	Outer casing	EC	Pre
Small appliance	Electric knife	434B	0.00	0.00	-	White	Bottom casing	EB	Pre
Small appliance	Electric knife	434C	0.00	0.00	-	Other	Clip	IF	Pre
Small appliance	Electric knife	434D	0.00	0.00	-	White	Plug	IO	Pre
Small appliance	Electric toothbrush	374A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Electric toothbrush	374D	0.00	0.00	-	Other	Outer casing	EC	Pre



Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Electric toothbrush	374E	0.00	0.00	-	White	Head connector	EB	Pre
Small appliance	Electric toothbrush	374F	0.00	0.00	-	White	Head	EB	Pre
Small appliance	Electric toothbrush	374G	0.00	0.00	-	Other	Battery cover	EB	Pre
Small appliance	Epilator	346A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Epilator	346B	0.00	0.00	-	Other	Blade holder	IF	Pre
Small appliance	Epilator	346C	0.00	0.00	-	White	Motor casing	MC	Pre
Small appliance	Epilator	346D	0.00	0.00	-	White	Wire housing	IO	Pre
Small appliance	Fan	332A	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Fan	332B	0.00	0.00	-	Other	Fan	F	Pre
Small appliance	Fan	332C	0.00	0.00	-	Other	Screw for fan cover	EB	Pre
Small appliance	Fan	332D	0.00	0.00	-	Black	Motor back cover	MC	Pre
Small appliance	Fan	332E	0.04	0.00	-	White	Motor front panel	MC	Pre
Small appliance	Fan	332F	0.00	0.00	-	White	Motor front panel	MC	Pre
Small appliance	Fan	367A	0.00	0.00	-	White	Motor casing	MC	Post
Small appliance	Fan	367B	0.05	0.02	25.0	Black	Wire housing	IO	Post
Small appliance	Fan	367C	0.00	0.00	-	Black	Button	EB	Post
Small appliance	Fan	367D	0.00	0.00	-	White	Button	EB	Post
Small appliance	Fan	367E	0.00	0.00	-	Other	Button	EB	Post
Small appliance	Fan	367F	0.00	0.00	-	White	Wire connector	IO	Post
Small appliance	Fan	367G	0.00	0.00	-	White	Fan centre	F	Post
Small appliance	Fan	367H	0.00	0.00	-	White	Blades	F	Post
Small appliance	Fan	367I	0.00	0.00	-	White	Hinge bracket	IF	Post
Small appliance	Fan	367J	0.00	0.00	-	Other	Rotating hinge	IF	Post
Small appliance	Fan	367K	8.12	1.69	13.0	Black	Wire housing	IO	Post
Small appliance	Fan	367L	17.1	4.33	4.00	White	Motor bracket	MC	Post
Small appliance	Fan	367M	0.87	0.10	6.00	White	Rotating hinge	IF	Post
Small appliance	Fan	370A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Fan	370B	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Fan	370C	0.06	0.02	85.0	Black	Inner framework	IF	Post
Small appliance	Fan	370D	0.00	0.00	-	Black	Black casing	EC	Post
Small appliance	Fan	370E	0.00	0.00	-	Black	Fan	F	Post
Small appliance	Fan	370F	0.00	0.00	-	Black	Fan casing	F	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Fan (Tower)	413A	0.01	0.00	-	Black	Outside casing	EC	Post
Small appliance	Fan (Tower)	413B	0.00	0.00	-	White	Motor casing	MC	Post
Small appliance	Fan (Tower)	413C	0.08	0.04	42.0	Black	Motor spindle	NC	Post
Small appliance	Fan (Tower)	413D	0.00	0.00	-	White	Motor housing	NC	Post
Small appliance	Fan (Tower)	413E	4.50	1.12	15.0	Black	Wire housing	IO	Post
Small appliance	Fan (Tower)	413F	0.01	0.00	-	Black	Fan	F	Post
Small appliance	Food mixer	35A	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Food mixer	35B	0.00	0.00	-	White	Outer casing base	EC	Pre
Small appliance	Food mixer	35C	0.00	0.00	-	White	Outer case base	EC	Pre
Small appliance	Food mixer	35D	8.18	1.29	16.0	Black	Connector	IO	Pre
Small appliance	Food processor	42A	0.01	0.00	50.0	Black	Outer casing	EC	Pre
Small appliance	Food processor	42B	0.00	0.00	-	White	Switch housing	IO	Pre
Small appliance	Food processor	42C	0.00	0.00	-	Black	Inner casing	IF	Pre
Small appliance	Food processor	42D	0.00	0.00	-	Black	Jug holder	EC	Pre
Small appliance	Food processor	58A	0.00	0.00	-	Black	Outer casing	EC	Pre
Small appliance	Food processor	58B	7.24	0.94	-	Black	Connector	IO	Pre
Small appliance	Food processor	58C	5.83	0.26	100	Black	Inner casing	IF	Pre
Small appliance	Food processor	62A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Food processor	62B	0.03	0.01	-	Black	Knob	EB	Post
Small appliance	Food processor	62C	0.00	0.00	-	Other	Inner frame	IF	Post
Small appliance	Food processor	80A	0.00	0.00	-	Black	Outer case	EC	Post
Small appliance	Food processor	80B	0.00	0.00	-	Other	Base	EC	Post
Small appliance	Food processor	80C	10.9	1.93	20.0	Other	Inner frame	IF	Post
Small appliance	Food processor	80D	0.00	0.00	-	Other	Inner frame	IF	Post
Small appliance	Food processor	80E	0.00	0.00	-	White	Gear housing	G	Post
Small appliance	Food processor	80F	0.00	0.00	-	White	Gear	G	Post
Small appliance	Food processor	80G	0.00	0.00	-	White	Knob frame	EB	Post
Small appliance	Food processor	84A	9.91	2.52	68.0	Other	Base	EC	Post
Small appliance	Food processor	84B	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Food processor	84C	0.00	0.00	-	Other	Inner casing	IF	Post
Small appliance	Food processor	84D	0.00	0.00	-	Other	Inner casing	IF	Post
Small appliance	Food processor	84E	0.00	0.00	-	Other	Inside base inner casing	IF	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Food processor	84F	0.00	0.00	-	White	White bracket	IF	Post
Small appliance	Food processor	84G	0.00	0.00	-	Other	Fan	F	Post
Small appliance	Food processor	88A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Food processor	88B	0.00	0.00	-	White	Fan	F	Post
Small appliance	Food processor	88C	0.00	0.00	-	White	Base	EC	Post
Small appliance	Food processor	88D	0.00	0.00	-	White	Dial	EB	Post
Small appliance	Food processor	232A	0.00	0.00	-	White	Outside casing	EC	Pre
Small appliance	Food processor	232B	0.00	0.00	-	White	Motor casing	MC	Pre
Small appliance	Food processor	232C	0.30	0.00	14.0	White	Inner fixing	IF	Pre
Small appliance	Food processor	232D	0.00	0.00	-	White	Cog	G	Pre
Small appliance	Food processor	232E	0.00	0.00	-	Black	Inner framework	IF	Pre
Small appliance	Food processor	232F	0.00	0.00	-	White	Spinning cap	IF	Pre
Small appliance	Food processor	232G	0.00	0.00	-	White	Inner fixing	IF	Pre
Small appliance	Food processor	291A	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Food processor	291B	0.00	0.00	-	Other	Inner frame	IF	Pre
Small appliance	Food processor	291C	0.00	0.00	-	Black	Switch box	IO	Pre
Small appliance	Food processor	291D	0.00	0.00	-	Other	Red outer switch	IO	Pre
Small appliance	Food processor	291E	0.00	0.00	-	White	Inner cog	G	Pre
Small appliance	Food processor	291F	16.6	7.81	-	White	Motor housing	MC	Pre
Small appliance	Food processor	291G	0.00	0.00	-	Other	Impeller	MC	Pre
Small appliance	Food processor	296A	0.00	0.00	-	White	Foam disc	FO	Pre
Small appliance	Food processor	296B	0.00	0.00	-	Black	Top casing	EC	Pre
Small appliance	Food processor	296C	0.00	0.00	-	Other	Switch	IO	Pre
Small appliance	Food processor	296D	0.02	0.01	-	Black	Top casing	EC	Pre
Small appliance	Food processor	296E	0.00	0.00	-	Other	Top plate	EB	Pre
Small appliance	Food processor	296F	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Food processor	296G	0.00	0.00	-	Black	Motor housing	MC	Pre
Small appliance	Food processor	296H	0.01	0.00	-	Black	Dial	EB	Pre
Small appliance	Food processor	296I	0.00	0.00	-	Black	Component frame	IF	Pre
Small appliance	Food processor	296J	0.00	0.00	-	Black	Component casing	IO	Pre
Small appliance	Food processor	296K	0.00	0.00	-	White	Switch mechanism	IO	Pre
Small appliance	Food processor	296L	0.00	0.00	-	White	Switch box	IO	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Food processor	296M	0.00	0.00	-	Other	Impeller shaft	MC	Pre
Small appliance	Food processor	356A	0.00	0.00	-	Black	Base	EB	Post
Small appliance	Food processor	356B	3.88	1.09	-	Other	Yellow connector	IO	Post
Small appliance	Food processor	356C	0.16	0.13	-	Other	Grey dial	EB	Post
Small appliance	Food processor	356D	0.39	0.37	-	Black	Switch box	IO	Post
Small appliance	Food processor	356E	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Food processor	356F	0.00	0.00	-	Other	Internal frame	IF	Post
Small appliance	Food processor	356G	10.7	2.67	-	White	Internal frame	IF	Post
Small appliance	Food processor	356H	0.00	0.00	-	White	Cog	G	Post
Small appliance	Food processor	356I	0.00	0.00	-	Other	Fan	F	Post
Small appliance	Food processor	414A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Food processor	414B	6.92	2.23	-	Black	Electric component cap	IO	Post
Small appliance	Food processor	414C	0.04	0.01	-	Black	Control panel	IO	Post
Small appliance	Food processor	414D	0.00	0.00	-	White	Base	EC	Post
Small appliance	Food processor	414E	0.03	0.03	-	Other	Dial	EB	Post
Small appliance	Food processor	414F	7.63	2.49	-	Black	Internal black fixing	IF	Post
Small appliance	Food processor	425A	0.00	0.00	-	Black	Base	EC	Post
Small appliance	Food processor	425B	0.07	0.01	-	Other	Outer casing	EC	Post
Small appliance	Food processor	425C	0.00	0.00	-	White	Mechanism	IO	Post
Small appliance	Food processor	425D	5.57	2.34	-	White	Fan	F	Post
Small appliance	Food processor	425E	0.07	0.01	-	Black	Outer casing	EC	Post
Small appliance	Food processor	425F	0.05	0.01	-	Black	Lid	EB	Post
Small appliance	Food steamer	313A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Food steamer	313B	0.00	0.00	-	White	Biscuit connector	IO	Post
Small appliance	Food steamer	313C	0.00	0.00	-	Other	Water viewer	IF	Post
Small appliance	Food steamer	313D	0.04	0.00	-	Other	Dial	EB	Post
Small appliance	Food steamer	313E	0.00	0.00	-	Other	Red light	EB	Post
Small appliance	Food steamer	313F	0.00	0.00	-	Other	Green light	EB	Post
Small appliance	Footbath	335A	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Footbath	335B	0.01	0.00	-	Black	Control box	IO	Pre
Small appliance	Hair dryer	33A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Hair dryer	33B	0.00	0.00	-	White	Nozzle	EC	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Hair dryer	33C	0.00	0.00	-	Other	Inner switch	IO	Pre
Small appliance	Hair dryer	33D	0.00	0.00	-	Black	Cable clip	IO	Pre
Small appliance	Hair dryer	68A	0.00	0.00	-	Black	Outer casing	EC	Post
Small appliance	Hair dryer	68B	0.04	0.08	194	Black	Handle casing	EB	Post
Small appliance	Hair dryer	68C	1.80	0.33	61.0	Black	Inner casing	IF	Post
Small appliance	Hair dryer	68D	0.03	0.00	-	Black	Fan housing	F	Post
Small appliance	Hair dryer	68E	0.00	0.00	-	Other	Fan housing	F	Post
Small appliance	Hair dryer	400A	0.00	0.00	-	Black	Fan	F	Pre
Small appliance	Hair dryer	400B	0.00	0.00	-	Black	Casing	EC	Pre
Small appliance	Hair dryer	400C	0.01	0.01	-	Other	Back of motor	MC	Pre
Small appliance	Hair dryer	400D	6.57	3.90	9.00	Black	Switch	IO	Pre
Small appliance	Hair dryer	400E	0.02	0.00	-	Black	Handle	EB	Pre
Small appliance	Hair dryer	400F	0.00	0.00	-	Other	Outside casing	EC	Pre
Small appliance	Hair dryer	400G	0.00	0.00	-	Black	Fan cover	F	Pre
Small appliance	Hair dryer	435A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Hair dryer	435B	0.06	0.01	75.0	Black	Inner tube	IF	Pre
Small appliance	Hair dryer	435C	0.00	0.00	-	White	Fan	F	Pre
Small appliance	Hair dryer	435D	0.00	0.00	-	Black	Fan housing	F	Pre
Small appliance	Hair dryer	435E	0.00	0.00	-	White	Motor housing	MC	Pre
Small appliance	Hair dryer	435F	16.5	3.81	5.00	Black	Inside frame	IF	Pre
Small appliance	Hair dryer	435G	2.36	1.78	7.00	Black	Capacitor	IO	Pre
Small appliance	Hair dryer	435H	0.00	0.00	-	Black	Switch box	IO	Pre
Small appliance	Hair dryer	435I	0.00	0.00	-	Other	Button	EB	Pre
Small appliance	Hair dryer	435J	0.00	0.00	-	White	Inner frame	IF	Pre
Small appliance	Hair dryer	444A	0.12	0.00	30.0	Other	Back casing	EC	Post
Small appliance	Hair dryer	444B	0.03	0.00	103	Other	Outside casing	EC	Post
Small appliance	Hair dryer	444C	0.00	0.00	-	Black	Inside nozzle	EC	Post
Small appliance	Hair dryer	444D	0.00	0.00	-	Black	Inner nozzle	EC	Post
Small appliance	Hair dryer	444E	0.00	0.00	-	Black	Fan	F	Post
Small appliance	Hair dryer	444F	1.02	0.24	14.0	Black	Cable protector	IO	Post
Small appliance	Hair dryer	444G	3.20	0.83	-	Black	Switch	IO	Post
Small appliance	Hair dryer	444H	0.00	0.00	-	Black	Switch	IO	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Hair dryer	444I	0.06	0.01	-	Black	Switch	IO	Post
Small appliance	Hair dryer	444J	1.97	1.40	23.0	Black	Sensor	IO	Post
Small appliance	Hair dryer	444K	1.04	0.21	62.0	Black	Handle	EB	Post
Small appliance	Hair dryer	444L	0.06	0.00	16.0	Other	Back vent	EB	Post
Small appliance	Hair straighteners	292A	0.00	0.00	-	Black	Outer casing	EC	Pre
Small appliance	Hair straighteners	292B	0.02	0.00	-	Black	Brush end	EB	Pre
Small appliance	Hair straighteners	292C	0.00	0.00	-	Black	Inner frame	IF	Pre
Small appliance	Hair straighteners	292D	4.60	1.52	7.00	Black	End handle	EB	Pre
Small appliance	Hair straighteners	292E	0.32	0.06	9.00	Black	Inner wand frame	IF	Pre
Small appliance	Hair straighteners	292F	0.00	0.00	-	Black	Outer casing	EC	Pre
Small appliance	Hair straighteners	369A	5.04	3.42	83.0	Black	Outer casing	EC	Post
Small appliance	Hair straighteners	369B	4.63	2.68	13.0	Black	Inner frame	IF	Post
Small appliance	Hair straighteners	369C	0.11	0.16	1.00	Black	Dial	EB	Post
Small appliance	Hair straighteners	369D	0.00	0.00	-	Black	Cable connector	IO	Post
Small appliance	Hair straighteners	403A	8.44	1.75	45.0	Black	Outer casing	EB	Post
Small appliance	Hair straighteners	403B	8.82	1.85	45.0	Black	Handle casing	EB	Post
Small appliance	Hair straighteners	403C	0.01	0.00	-	Black	Inner framework	IF	Post
Small appliance	Hair straighteners	403D	0.00	0.00	-	Black	Outer fixing	EB	Post
Small appliance	Hair straighteners	403E	8.71	1.86	-	Black	Inside framework	IF	Post
Small appliance	Hair straighteners	403F	0.00	0.00	-	Black	Internal bracket	EB	Post
Small appliance	Hair straighteners	448A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Hair straighteners	448B	0.00	0.00	-	Black	Handle casing	EB	Pre
Small appliance	Hair straighteners	448C	0.00	0.02	-	Black	Inner framework	IF	Pre
Small appliance	Hair straighteners	448D	0.02	0.01	-	Black	Power button	EB	Pre
Small appliance	Hot grill	63A	0.16	0.05	48.0	Black	Outer casing	EC	Post
Small appliance	Hot grill	63B	0.03	0.01	9.00	Black	Base	EC	Post
Small appliance	Hot grill	63C	0.07	0.03	71.0	Black	Base stand	EB	Post
Small appliance	Hotplate	360A	0.00	0.00	-	Black	Bottom feet	EB	Post
Small appliance	Hotplate	360B	0.01	0.00	-	Black	Power box	IO	Post
Small appliance	Hotplate	360C	0.00	0.00	-	Black	Switch	IO	Post
Small appliance	Ice crusher	47A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Ice crusher	47B	0.00	0.00	-	Other	Hinge	EB	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Ice crusher	47C	0.00	0.00	-	White	Impeller	F	Pre
Small appliance	Ice crusher	47D	0.00	0.00	-	White	Inner frame	F	Pre
Small appliance	Ice crusher	47E	10.5	3.24	-	White	Winding casing	MC	Pre
Small appliance	Iron	34A	0.00	0.00	23.0	Other	Dial	EB	Pre
Small appliance	Iron	34B	5.82	0.00	8.00	White	Inner switch	IO	Pre
Small appliance	Iron	34C	0.00	0.00	25.0	White	Connector	IO	Pre
Small appliance	Iron	34D	0.00	0.00	-	Other	Water tube	IF	Pre
Small appliance	Iron	34F	0.00	0.00	-	White	Button	EB	Pre
Small appliance	Iron	86A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Iron	86B	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Iron	86C	0.00	0.00	-	White	Inner frame	IF	Post
Small appliance	Iron	86D	0.11	0.06	73.0	White	Inner casing	IF	Post
Small appliance	Iron	86E	0.00	0.00	-	Other	Handle	EB	Post
Small appliance	Iron	87A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Iron	87B	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Iron	87C	0.01	0.00	-	Other	Inner frame	IF	Post
Small appliance	Iron	87D	0.10	0.05	123	White	Base	EC	Post
Small appliance	Iron	289A	0.00	0.00	-	Black	Handle	EB	Pre
Small appliance	Iron	289B	0.00	0.00	-	Black	Cable cover	IO	Pre
Small appliance	Iron	289C	0.00	0.00	-	Black	Dial	EB	Pre
Small appliance	Iron	295A	0.00	0.00	-	Other	Top casing	EC	Pre
Small appliance	Iron	295B	0.00	0.00	-	Other	Bottom water container	EC	Pre
Small appliance	Iron	295C	0.00	0.00	-	White	Handle	EB	Pre
Small appliance	Iron	295D	0.12	0.06	173	Other	Base plate	IF	Pre
Small appliance	Iron	295E	0.00	0.00	-	White	Biscuit connector	IO	Pre
Small appliance	Iron	295F	0.01	0.00	-	Other	Top cover for water res.	EB	Pre
Small appliance	Iron	295G	0.00	0.00	-	White	Water fittings	EB	Pre
Small appliance	Iron	295H	0.00	0.00	-	White	Water fittings	EB	Pre
Small appliance	Iron	295I	0.01	0.00	-	Other	Dial	EB	Pre
Small appliance	Iron	295J	0.00	0.00	-	White	Frame	IF	Pre
Small appliance	Iron	299A	0.00	0.00	-	White	Top casing	EC	Post
Small appliance	Iron	299B	0.00	0.00	-	Other	Top casing	EC	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Iron	299C	0.01	0.01	-	White	Internal base plate	IF	Post
Small appliance	Iron	299D	0.00	0.00	-	White	Dial	EB	Post
Small appliance	Iron	299E	0.00	0.00	-	Other	Internal frame	IF	Post
Small appliance	Iron	299F	0.00	0.00	-	White	Tubing fitting	IF	Post
Small appliance	Iron	299G	0.00	0.00	-	Other	Switch casing	IO	Post
Small appliance	Iron	303A	0.00	0.00	-	Other	Top casing	EC	Post
Small appliance	Iron	303B	0.00	0.00	-	White	Base plate	IF	Post
Small appliance	Iron	303C	0.00	0.00	-	White	Inner casing	IF	Post
Small appliance	Iron	303D	0.06	0.02	26.0	White	Back plate	IF	Post
Small appliance	Iron	303E	0.01	0.00	-	Black	Inner component casing	IO	Post
Small appliance	Iron	303F	0.00	0.00	-	White	Inner frame	IF	Post
Small appliance	Iron	303G	0.28	0.00	11.0	White	Wiring cover	IO	Post
Small appliance	Iron	303H	17.2	2.50	12.0	White	Biscuit connector	IO	Post
Small appliance	Iron	303I	0.01	0.00	-	Black	Connector frame	IO	Post
Small appliance	Iron	311A	0.00	0.00	-	Other	Light cover	EB	Post
Small appliance	Iron	311B	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Iron	311C	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Iron	311D	0.15	0.11	5.00	Black	Inner fixing	IF	Post
Small appliance	Iron	311E	0.00	0.00	-	White	Biscuit connector	IO	Post
Small appliance	Iron	411A	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Iron	411B	0.00	0.00	-	White	Dial	EB	Pre
Small appliance	Iron	411C	0.06	0.00	25.0	Other	Water tank	IF	Pre
Small appliance	Iron	411D	0.00	0.01	-	White	Internal structure	IF	Pre
Small appliance	Iron	411E	0.00	0.00	-	Other	Filter casing	IF	Pre
Small appliance	Kettle	40A	0.00	0.00	-	Other	Outside	EC	Pre
Small appliance	Kettle	40B	0.00	0.00	-	Black	Handle	EC	Pre
Small appliance	Kettle	40C	9.03	4.10	33.0	Black	Connector	IO	Pre
Small appliance	Kettle	40D	0.02	0.00	6.00	Other	Opaque cable tidies	IO	Pre
Small appliance	Kettle	65A	0.02	0.01	-	Black	Base	EC	Post
Small appliance	Kettle	65B	0.01	0.00	-	White	Outer mid-section	EC	Post
Small appliance	Kettle	65C	0.00	0.00	-	Black	Handle	EB	Post
Small appliance	Kettle	66A	0.00	0.00	-	Black	Base	EC	Post



Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Kettle	66B	0.00	0.00	-	Other	View section	EB	Post
Small appliance	Kettle	66C	0.00	0.00	-	Black	Button	EB	Post
Small appliance	Kettle	74A	0.00	0.00	-	Black	Handle	EB	Post
Small appliance	Kettle	74B	0.00	0.00	-	Black	Base	EC	Post
Small appliance	Kettle	74C	0.00	0.00	-	Other	Window	EB	Post
Small appliance	Kettle	290A	0.00	0.00	-	Black	Handle	EB	Pre
Small appliance	Kettle	290B	0.00	0.00	-	Black	Filter	IF	Pre
Small appliance	Kettle	290C	14.0	6.66	22.0	Black	Inner frame	IF	Pre
Small appliance	Kettle	290D	0.00	0.00	-	Black	Inner electrics	IO	Pre
Small appliance	Kettle	304A	0.00	0.00	-	Black	Bottom base	IF	Post
Small appliance	Kettle	304B	4.44	2.52	23.0	Black	Switch box	IO	Post
Small appliance	Kettle	304C	0.00	0.00	-	Black	Top base plate	EC	Post
Small appliance	Kettle	314A	0.00	0.00	-	White	Outer casing	EB	Post
Small appliance	Kettle	314B	0.00	0.00	-	White	Lid	EC	Post
Small appliance	Kettle	314C	0.00	0.00	-	White	Inner framework	IF	Post
Small appliance	Kettle	314D	0.00	0.00	-	Black	Connector	IO	Post
Small appliance	Kettle	314E	0.00	0.00	-	Other	Handle clip	EB	Post
Small appliance	Kettle	315A	0.00	0.00	-	Black	Base plate	EC	Post
Small appliance	Kettle	315B	0.00	0.00	-	Other	Inner lid framework	EC	Post
Small appliance	Kettle	315C	0.00	0.00	-	Other	Top of lid	EC	Post
Small appliance	Kettle	315D	0.00	0.00	-	Black	Handle	EB	Post
Small appliance	Kettle	315E	0.14	0.00	4.00	Black	Inner framework	IF	Post
Small appliance	Kettle	315F	0.83	0.05	33.0	Black	Inner framework	IF	Post
Small appliance	Kettle	315G	0.00	0.00	-	Other	Inner fixing	IF	Post
Small appliance	Kettle	427A	0.14	0.03	47.0	Black	Base	EB	Post
Small appliance	Kettle	427B	0.00	0.00	-	Black	Inner framework	IF	Post
Small appliance	Kettle	427C	0.00	0.00	-	Black	Outside fixture	EB	Post
Small appliance	Kettle	427D	0.00	0.00	-	Black	Outside fixture	EB	Post
Small appliance	Kettle	427E	0.00	0.00	-	Black	Outside fixture	EB	Post
Small appliance	Kettle	427F	0.00	0.00	-	Other	Outside casing	EC	Post
Small appliance	Kettle	427G	0.00	0.00	-	Other	Water tank	IF	Post
Small appliance	Kettle	458A	0.00	0.00	-	Black	Handle	EB	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Kettle	458B	0.00	0.00	-	Other	Outer shell	EC	Pre
Small appliance	Lamp	378A	0.00	0.00	-	Black	Outside casing	EC	Pre
Small appliance	Lamp	378B	0.00	0.00	-	Black	Black outer casing	EC	Pre
Small appliance	Lamp	378C	0.01	0.00	-	Black	Bracket	IF	Pre
Small appliance	Lamp	378D	0.00	0.00	-	Other	Button	EB	Pre
Small appliance	Lamp	378E	0.00	0.00	-	White	Cable connector	IO	Pre
Small appliance	Lamp	378F	9.64	2.51	6.00	Other	Junction box	IO	Pre
Small appliance	Lamp	378G	4.40	1.39	6.00	Other	Junction box	IO	Pre
Small appliance	Massager	309A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Massager	309B	0.00	0.00	-	White	Inner casing	EC	Post
Small appliance	Massager	309C	0.00	0.01	-	Other	Button	EB	Post
Small appliance	Massager	309D	0.00	0.00	-	White	Inner framework	IF	Post
Small appliance	Massager	309E	0.00	0.00	-	Other	Inner framework	IF	Post
Small appliance	Massager	309F	0.00	0.00	-	Other	Handle	EB	Post
Small appliance	Massager	309G	0.00	0.00	-	White	Inner framework	IF	Post
Small appliance	Massager	333A	0.15	0.00	70.0	Black	Remote control box	IO	Pre
Small appliance	Massager	333B	0.00	0.00	-	Black	Motor casing	MC	Pre
Small appliance	Massager	339A	0.00	0.00	-	Black	Outer casing	EC	Pre
Small appliance	Massager	339B	0.00	0.00	-	Other	Inner framework casing	IF	Pre
Small appliance	Massager	339C	0.05	0.02	385	Black	Back casing	EC	Pre
Small appliance	Massager	339D	0.06	0.08	15.0	Black	Switch box	IO	Pre
Small appliance	Massager	339E	0.00	0.00	-	Black	Motor base	MC	Pre
Small appliance	Massager	340A	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Massager	340B	0.01	0.05	-	Black	Motor casing	MC	Pre
Small appliance	Massager	340C	0.00	0.01	-	Other	Plastic cover of massage ball	IF	Pre
Small appliance	Massager	340D	0.00	0.00	-	White	Electrical component casing	IO	Pre
Small appliance	Massager (handheld)	397A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Massager (handheld)	397B	0.00	0.02	-	Other	Inner framework	IF	Post
Small appliance	Massager (handheld)	397C	0.00	0.00	-	White	Framework	IF	Post
Small appliance	Mixer (handheld)	393A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Mixer (handheld)	393B	0.02	0.01	-	White	Blade over	EB	Post
Small appliance	Mixer (handheld)	393C	0.01	0.00	-	White	Drive spindle	MC	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Mobile phone	90A	0.00	0.00	-	Black	Outer casing	EC	Post
Small appliance	Mobile phone	90B	0.00	0.00	-	Black	Inner casing	IF	Post
Small appliance	Mobile phone	433A	0.00	0.00	-	Black	Outer casing	EC	Post
Small appliance	Mobile phone	433B	0.00	0.00	-	Black	Inner framework	IF	Post
Small appliance	Potato peeler	75A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Potato peeler	75B	11.3	2.94	6.00	Black	Power switch	IO	Post
Small appliance	Potato peeler	75C	0.00	0.00	-	White	Inner motor casing	MC	Post
Small appliance	Potato peeler	75D	0.04	0.03	-	Black	Cable connector	IO	Post
Small appliance	Sandwich toaster	32A	0.00	0.00	-	Other	Frame	EB	Pre
Small appliance	Sandwich toaster	83A	0.00	0.00	-	Black	Base	EC	Post
Small appliance	Sandwich toaster	83B	0.00	0.00	-	Black	Side handle	EB	Post
Small appliance	Sandwich toaster	297A	0.00	0.00	-	Black	Outer casing	EC	Pre
Small appliance	Sandwich toaster	297B	0.00	0.00	-	Other	Electronics cover	IO	Pre
Small appliance	Sandwich toaster	297C	0.00	0.01	-	Black	Plug	IO	Pre
Small appliance	Sandwich toaster	440A	0.00	0.00	-	Black	Base casing	EB	Post
Small appliance	Sandwich toaster	440B	0.00	0.00	-	Black	Hinges	IF	Post
Small appliance	Sandwich toaster	440C	0.00	0.00	-	Other	Button	EB	Post
Small appliance	Sat. nav.	451A	0.00	0.00	-	Black	Speaker casing	EB	Post
Small appliance	Sat. nav.	451B	0.00	0.00	-	Other	Internal speaker casing	EB	Post
Small appliance	Sat. nav.	451C	0.00	0.00	-	Other	Screen cover	EB	Post
Small appliance	Sat. nav.	451D	0.04	0.00	58.0	Black	Outside casing	EC	Post
Small appliance	Scales	423A	0.00	0.00	-	White	Inner framework	IF	Post
Small appliance	Scales	423B	0.00	0.00	-	White	Feet	EB	Post
Small appliance	Scales	423C	0.00	0.00	-	White	Base	EB	Post
Small appliance	Scales	441A	0.00	0.00	-	Black	Base casing	EB	Post
Small appliance	Scales	441B	0.00	0.00	-	Other	Screen casing	EB	Post
Electric tools	Sewing machine	318A	10.9	2.53	142	Black	Base casing	EC	Pre
Electric tools	Sewing machine	318B	0.00	0.00	-	Black	Connector box	IO	Pre
Electric tools	Sewing machine	318C	0.00	0.00	-	Black	Connector box casing	IO	Pre
Electric tools	Sewing machine	318D	0.00	0.00	-	Black	Bulb casing	IO	Pre
Electric tools	Sewing machine	318E	0.00	0.00	-	Other	Casing	EC	Pre
Electric tools	Sewing machine	318F	0.00	0.00	-	Other	Dial	EB	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Sewing machine	318G	0.00	0.00	-	Black	Cog	G	Pre
Electric tools	Sewing machine	318H	0.00	0.00	-	White	Mechanical framework	IF	Pre
Electric tools	Sewing machine	318I	0.00	0.00	-	Other	Cog	G	Pre
Electric tools	Sewing machine	318J	0.00	0.00	-	Black	Cog	G	Pre
Electric tools	Sewing machine	318K	0.00	0.00	-	Other	Cog	G	Pre
Small appliance	Sewing machine	399A	0.00	0.00	-	White	Outside casing	EC	Pre
Small appliance	Sewing machine	399B	0.00	0.00	-	White	Outside casing	EC	Pre
Small appliance	Sewing machine	399C	0.00	0.02	-	Other	Motor casing	MC	Pre
Small appliance	Sewing machine	399D	0.01	0.00	-	White	Dial	EB	Pre
Small appliance	Sewing machine	399E	0.01	0.00	-	White	Dial	EB	Pre
Small appliance	Sewing machine	399F	0.00	0.00	-	White	Cog	G	Pre
Small appliance	Sewing machine	399G	0.00	0.00	-	White	Cog	G	Pre
Small appliance	Sewing machine	399H	6.70	1.21	25.0	Black	Bulb cover	IO	Pre
Small appliance	Sewing machine	449A	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Sewing machine	449B	0.00	0.00	-	White	Inner framework	IF	Pre
Small appliance	Sewing machine	449C	0.00	0.00	-	Other	Inner framework	IF	Pre
Small appliance	Sewing machine	449D	0.00	0.00	-	Other	Cog	G	Pre
Small appliance	Sewing machine	449E	0.15	0.02	1.00	Other	Inner framework	IF	Pre
Small appliance	Shaver	348A	0.00	0.01	-	Other	Outer casing	EC	Pre
Small appliance	Shaver	348B	0.00	0.00	-	Other	Blade framework	IF	Pre
Small appliance	Shaver	348C	0.00	0.04	-	Other	Blade framework	IF	Pre
Small appliance	Shaver	348D	0.00	0.00	-	White	Motor casing	MC	Pre
Small appliance	Shaver	348E	0.00	0.00	-	Other	Button	EB	Pre
Small appliance	Shaver	348F	0.00	0.02	-	Black	Motor base	MC	Pre
Small appliance	Shaver	348G	0.06	0.00	3.00	Black	Blade clip	EB	Pre
Small appliance	Shaver	359A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Shaver	359B	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Shaver	359C	0.00	0.00	-	Black	Black inner frame	IF	Post
Small appliance	Shaver	359D	0.00	0.00	-	Other	Motor housing	MC	Post
Small appliance	Shaver	377A	0.00	0.00	-	Other	Outer case	EC	Pre
Small appliance	Shaver	377B	0.00	0.00	-	Other	Outer case	EC	Pre
Small appliance	Shaver	377C	0.00	0.00	-	White	Razor grip	IF	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Shaver	377D	0.00	0.00	-	Other	Razor cover	IF	Pre
IT and Telecomm	Shredder	95A	0.01	0.00	-	Black	Outer casing	EC	Post
IT and Telecomm	Shredder	95B	0.63	0.13	149	Black	Shredder body	MC	Post
IT and Telecomm	Shredder	95C	0.04	0.01	-	Other	Shredder bracket	IF	Post
IT and Telecomm	Shredder	95D	0.01	0.00	-	Other	Shredder bracket	IF	Post
IT and Telecomm	Shredder	95E	2.90	0.57	-	Other	Inner frame	IF	Post
IT and Telecomm	Shredder	95F	0.00	0.00	-	White	Cog	G	Post
IT and Telecomm	Shredder	98A	0.00	0.00	-	Other	Outer casing	EC	Post
IT and Telecomm	Shredder	98B	11.4	2.62	16.0	White	Motor casing	MC	Post
IT and Telecomm	Shredder	98C	5.29	3.32	-	Black	Cable connector	IO	Post
IT and Telecomm	Shredder	102A	0.00	0.00	-	Other	Back casing	EC	Post
IT and Telecomm	Shredder	102B	11.2	2.27	17.0	Other	Shredder guard	MC	Post
IT and Telecomm	Shredder	102C	0.00	0.00	-	Other	Front casing	EC	Post
IT and Telecomm	Shredder	110A	11.9	3.05	160	Other	Back casing	EC	Post
IT and Telecomm	Shredder	110B	11.7	3.02	187	Other	Front casing	EC	Post
IT and Telecomm	Shredder	110C	0.01	0.00	-	Other	Shredder frame	MC	Post
Small appliance	Shredder	420A	0.00	0.00	-	Black	Outer casing	EC	Post
Small appliance	Shredder	420B	0.01	0.00	-	Other	Shredder covers	MC	Post
Small appliance	Shredder	420C	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Shredder	420D	6.27	2.24	7.00	Black	Switch box	IO	Post
Small appliance	Shredder	445A	0.40	0.07	-	Black	Back casing	EB	Post
Small appliance	Shredder	445B	0.40	0.07	353	Other	Outside casing	EC	Post
Small appliance	Shredder	445C	0.56	0.13	166	Black	Shredder guards	MC	Post
Small appliance	Shredder	445D	5.15	1.16	12.0	Black	Switch box	IO	Post
Small appliance	Shredder	445E	0.08	0.06	12.0	White	Inner framework	IF	Post
Small appliance	Shredder	445F	0.01	0.00	-	Other	Cog	G	Post
Small appliance	Slow cooker	371A	0.00	0.00	-	Black	Panel	EB	Post
Small appliance	Slow cooker	371B	0.00	0.00	-	Other	Tie	IF	Post
Small appliance	Slow cooker	371C	0.25	0.06	15.0	Black	Screw	IF	Post
Small appliance	Slow cooker	437A	0.00	0.00	-	Other	Outer cover	EC	Pre
Small appliance	Slow cooker	437B	0.00	0.00	-	Other	Front panel	EB	Pre
Small appliance	Slow cooker	437C	0.00	0.00	-	Black	Power connector	EC	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Soda stream	380A	0.00	0.00	-	White	Front panel	EC	Pre
Small appliance	Soda stream	380B	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Soda stream	380C	0.00	0.00	-	Other	Button	EB	Pre
Small appliance	Soda stream	380D	0.00	0.00	-	White	Pump mechanism	MC	Pre
Small appliance	Soda stream	380E	0.00	0.00	-	White	Nozzle	EB	Pre
Small appliance	Steam cleaner	70A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Steam cleaner	70B	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Steam cleaner	70C	0.00	0.00	-	Other	Handle	EB	Post
Small appliance	Steam cleaner	70D	0.00	0.00	-	Other	Water container	IF	Post
Small appliance	Steam cleaner	70E	0.00	0.00	-	Other	Filter casing	IF	Post
Small appliance	Steam cleaner	70F	0.02	0.01	-	Black	Boiler casing	HC	Post
Small appliance	Steam cleaner	70G	0.00	0.00	-	Other	Motor casing	MC	Post
Small appliance	Steam cleaner	70H	0.00	0.00	-	Other	Hose	IF	Post
Small appliance	Steam cleaner	294A	0.00	0.00	-	White	Outer frame	EC	Pre
Small appliance	Steam cleaner	294B	0.00	0.00	-	White	Inner frame	IF	Pre
Small appliance	Steam cleaner	294C	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Steam cleaner	294D	0.02	0.00	-	Other	Handle	EB	Pre
Small appliance	Steam cleaner	294E	0.08	0.03	-	Black	Inner box	IF	Pre
Small appliance	Steam cleaner	294F	0.00	0.00	-	Other	Internal tank	IF	Pre
Small appliance	Steam cleaner	294G	0.00	0.00	-	Other	Cable cover	IO	Pre
Small appliance	Steam cleaner	294H	13.1	5.20	6.00	Black	Switch box	IO	Pre
Small appliance	Steam cleaner	294I	0.00	0.00	-	Other	Water pipe	IF	Pre
Small appliance	Steam cleaner	294J	0.00	0.00	-	Other	Inner fitting	IF	Pre
Small appliance	Steam cleaner	294K	6.16	2.13	6.00	Black	Connector	IO	Pre
Small appliance	Steam cleaner	294L	0.00	0.00	-	Other	Heavy cable cover	IO	Pre
Small appliance	Steam cleaner	306A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Steam cleaner	306B	0.00	0.00	-	White	Control dial	EB	Post
Small appliance	Steam cleaner	306C	0.00	0.00	-	White	White bottom of water tank	IF	Post
Small appliance	Steam cleaner	306D	0.00	0.00	-	Other	Clear casing of water tank	IF	Post
Small appliance	Steam cleaner	306E	0.00	0.00	-	White	Dial	EB	Post
Small appliance	Steam cleaner	306F	0.00	0.00	-	Black	Heater casing	HC	Post
Small appliance	Steam cleaner	306G	0.00	0.00	-	Other	Casing	IF	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Steam cleaner	306H	0.00	0.00	-	Other	Handle	EB	Post
Small appliance	Steam cleaner	417A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Steam cleaner	417B	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Steam cleaner	417C	0.00	0.00	-	Other	Handle	EB	Post
Small appliance	Steam cleaner	417D	0.04	0.01	8.00	Black	Internal framework	IF	Post
Small appliance	Steam cleaner	417E	0.00	0.00	-	Other	Clip	IF	Post
Small appliance	Steam cleaner	417F	12.4	5.72	5.00	Black	Switch box	IO	Post
Small appliance	Steam cleaner	417G	0.00	0.00	-	Other	Filter box	IF	Post
Small appliance	Steam cleaner (Vax)	379A	0.00	0.00	-	White	Outside casing	EC	Pre
Small appliance	Steam cleaner (Vax)	379B	0.00	0.00	-	Other	Switch	IO	Pre
Small appliance	Steam cleaner (Vax)	379C	0.00	0.00	-	Other	Bracket	IF	Pre
Small appliance	Steam cleaner (Vax)	379D	0.00	0.00	-	Black	Outer fixing	EB	Pre
Small appliance	Steam cleaner (Vax)	379E	0.03	0.17	-	Black	Switch box	IO	Pre
Small appliance	Steam cleaner (Vax)	379F	0.01	0.00	-	Black	Inner framework	IF	Pre
Small appliance	Steam cleaner (Vax)	379G	0.00	0.00	-	Other	Water tank	EB	Pre
Small appliance	Steam cleaner (Vax)	379H	0.00	0.00	-	Other	Clip	IF	Pre
Small appliance	Steam cleaner (Vax)	379I	0.00	0.00	-	Other	Filter box	IF	Pre
Small appliance	Steam cleaner (Vax)	379J	0.01	0.00	-	Black	Heater casing	HC	Pre
Small appliance	Steam cleaner (Vax)	379K	0.01	0.00	-	Other	Valve cover	IF	Pre
Small appliance	Steriliser	31A	0.00	0.01	722	White	Body	EC	Pre
Small appliance	Steriliser	31B	0.00	0.00	-	White	Button	EB	Pre
Small appliance	Steriliser	31C	0.00	0.00	-	Other	Top plate	EC	Pre
Small appliance	Steriliser	31D	0.00	0.00	-	Black	Inside plate	IF	Pre
Small appliance	Table top grill/oven	300A	0.00	0.00	-	White	Top casing	EC	Post
Small appliance	Table top grill/oven	300B	0.00	0.00	-	Black	Switch box	IO	Post
Small appliance	Table top grill/oven	300C	0.00	0.00	-	Black	Bell case	EB	Post
Small appliance	Table top grill/oven	300D	0.01	0.00	-	Black	Motor casing for fan	MC	Post
Small appliance	Table top grill/oven	300E	0.00	0.00	-	White	Pegs	IF	Post
Small appliance	Table top grill/oven	301A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Table top grill/oven	301B	3.77	0.98	4.00	Black	Switch box	IO	Post
Small appliance	Table top grill/oven	301C	0.00	0.00	-	Other	Large spacer	IF	Post
Small appliance	Table top grill/oven	301D	0.01	0.00	-	White	Motor casing for fan	MC	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Toaster	41A	0.03	0.01	170	Black	Base	EC	Pre
Small appliance	Toaster	41B	0.01	0.00	-	Black	Outside panel	IO	Pre
Small appliance	Toaster	41C	0.00	0.00	-	Black	Connector	IO	Pre
Small appliance	Toaster	41D	15.0	3.48	26.0	White	Connectors	IO	Pre
Small appliance	Toaster	41E	0.00	0.00	-	White	Inner switch	IO	Pre
Small appliance	Toaster	57A	0.00	0.00	-	Black	Connector	IO	Pre
Small appliance	Toaster	57B	0.03	0.00	14.0	Black	Knob	EB	Pre
Small appliance	Toaster	57C	4.78	2.18	16.0	Black	PCB board clip	IO	Pre
Small appliance	Toaster	69A	0.00	0.00	-	Black	Outer panel	EB	Post
Small appliance	Toaster	69B	0.01	0.00	-	Black	Knob	HB	Post
Small appliance	Toaster	69C	0.01	0.00	-	Black	Base	EC	Post
Small appliance	Toaster	69D	0.00	0.00	-	Black	Inner frame	IF	Post
Small appliance	Toaster	81A	0.02	0.00	-	Black	Base	EC	Post
Small appliance	Toaster	81B	0.04	0.01	49.0	Black	Control panel	EC	Post
Small appliance	Toaster	81C	0.00	0.00	-	Black	Lever	EB	Post
Small appliance	Toaster	302A	0.04	0.01	267	Black	Base	EC	Post
Small appliance	Toaster	302B	0.37	0.11	64.0	Black	Front panel with buttons	EB	Post
Small appliance	Toaster	302C	0.01	0.00	-	Black	Inner fixing	IF	Post
Small appliance	Toaster	307A	0.00	0.00	-	White	Casing	EC	Post
Small appliance	Toaster	307B	0.00	0.00	-	White	Dial	EB	Post
Small appliance	Toaster	307C	16.0	4.78	3.00	Black	Internal framework	IF	Post
Small appliance	Toaster	407A	0.01	0.00	-	Black	Dial	EB	Pre
Small appliance	Toaster	407B	0.11	0.00	4.00	Black	Button	EB	Pre
Small appliance	Toaster	407C	4.37	2.02	11.0	White	PCB holder	IO	Pre
Small appliance	Toaster	407D	12.7	5.76	24.0	Other	Inner fixing	IF	Pre
Small appliance	Toaster	407E	0.04	0.03	-	Black	Inner framework	IF	Pre
Small appliance	Toaster	421A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Toaster	421B	0.01	0.01	-	Other	Dial	EB	Post
Small appliance	Toaster	421C	0.03	0.00	136	White	Base	EC	Post
Small appliance	Toaster	421D	0.00	0.00	-	White	Inner framework	IF	Post
Small appliance	Toaster	421E	0.00	0.00	-	Other	Lever	EB	Post
Small appliance	Toothbrush	358A	0.00	0.00	-	Other	Outer casing	EC	Post



Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Toothbrush	358B	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Toothbrush	358C	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Toothbrush	358D	0.00	0.00	-	White	Inside	IF	Post
Small appliance	Toothbrush	358E	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Toothbrush	358F	0.00	0.00	-	Other	Bottom casing	EB	Post
Small appliance	Toothbrush	358G	0.00	0.00	-	Other	Inside structure	IF	Post
Small appliance	Toothbrush	358H	0.00	0.00	-	Other	Wire connect	IO	Post
Small appliance	Toothbrush	358I	0.00	0.00	-	White			Post
Small appliance	UV nail dryer	452A	0.00	0.00	-	White	Bottom casing	EC	Post
Small appliance	UV nail dryer	452B	0.00	0.00	-	White	Lid	EB	Post
Small appliance	UV nail dryer	452C	0.00	0.01	-	Other	Blue	IO	Post
Small appliance	UV nail dryer	452D	0.00	0.00	-	Other	Bulb framework	IO	Post
Small appliance	UV nail dryer	452E	5.43	1.69	23.0	White	Bulb connector	IO	Post
Small appliance	UV nail dryer	457F	5.24	1.16	70.0	White	Bulb casing	IO	Post
Small appliance	UV nail dryer	457G	0.00	0.00	-	White	Switch	IO	Post
Small appliance	Vacuum	36A	0.01	0.00	107	Black	Head bottom casing	EC	Pre
Small appliance	Vacuum	36B	0.00	0.00	-	Other	Top casing	EC	Pre
Small appliance	Vacuum	36C	0.00	0.00	-	Other	Clear view plate	EC	Pre
Small appliance	Vacuum	36D	0.00	0.00	-	White	Button	EB	Pre
Small appliance	Vacuum	36E	0.00	0.00	-	Black	Black tube hard	EC	Pre
Small appliance	Vacuum	36F	0.00	0.00	-	Black	Brush spindle	EB	Pre
Small appliance	Vacuum	36G	0.00	0.00	-	Black	Plastic frame motor	MC	Pre
Small appliance	Vacuum	38A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Vacuum	38B	2.79	0.00	57.0	Other	Cable spool	IF	Pre
Small appliance	Vacuum	38C	6.55	2.08	160	White	Cable spool	IF	Pre
Small appliance	Vacuum	38D	0.00	0.01	-	Black	Frame	IF	Pre
Small appliance	Vacuum	38E	0.00	0.00	-	Other	Connector	IO	Pre
Small appliance	Vacuum	38F	0.00	0.00	-	Other	Large inner frame	IF	Pre
Small appliance	Vacuum	39A	0.00	0.00	-	Other	Filter casing	IF	Pre
Small appliance	Vacuum	39B	0.00	0.00	-	Other	Air tube	IF	Pre
Small appliance	Vacuum	39C	0.00	0.00	-	Black	Motor casing	MC	Pre
Small appliance	Vacuum	39D	0.00	0.00	-	Other	Motor casing	MC	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Vacuum	39E	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Vacuum	39F	0.12	0.00	-	Other	Lever	EB	Pre
Small appliance	Vacuum	39G	0.01	0.00	25.0	Other	Lever	EB	Pre
Small appliance	Vacuum	43A	0.00	0.00	-	White	Filter lid	EB	Pre
Small appliance	Vacuum	43B	0.02	0.00	192	Black	Outside frame	EB	Pre
Small appliance	Vacuum	43C	0.43	0.07	>100	Black	Motor casing	MC	Pre
Small appliance	Vacuum	43D	0.01	0.00	196	Black	Outer casing	EC	Pre
Small appliance	Vacuum	43E	0.00	0.00	-	White	Cable spool	IF	Pre
Small appliance	Vacuum	43F	19.8	6.52	34.0	White	Inner piece spool	IF	Pre
Small appliance	Vacuum	44A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Vacuum	44B	0.00	0.00	-	Other	Unknown	EB	Pre
Small appliance	Vacuum	44C	0.00	0.00	-	Other	Base inner casing	IF	Pre
Small appliance	Vacuum	44D	0.00	0.00	-	Other	Wheel	EB	Pre
Small appliance	Vacuum	45A	0.02	0.01	11.0	Other	Dial	EB	Pre
Small appliance	Vacuum	45B	0.00	0.00	-	Black	Inner switch	IO	Pre
Small appliance	Vacuum	45C	0.00	0.00	-	Black	Outer casing	EC	Pre
Small appliance	Vacuum	45D	0.00	0.00	-	Other	Front view casing	EC	Pre
Small appliance	Vacuum	45E	0.02	0.01	-	Other	Inner casing	EB	Pre
Small appliance	Vacuum	45F	0.00	0.00	-	Other	Wheel attached to above	EB	Pre
Small appliance	Vacuum	45G	0.00	0.00	-	Other	Side bit wheel	EB	Pre
Small appliance	Vacuum	45H	0.02	0.00	-	Other	Bottom plate	EC	Pre
Small appliance	Vacuum	46A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Vacuum	46B	0.00	0.00	-	Black	Pedal release	EB	Pre
Small appliance	Vacuum	46C	0.00	0.00	-	Black	Small spool	IF	Pre
Small appliance	Vacuum	46D	0.00	0.00	-	Other	Cover	EB	Pre
Small appliance	Vacuum	46E	0.01	0.00	154	Black	Bottom plate	EC	Pre
Small appliance	Vacuum	46F	0.00	0.00	-	Black	Switch	IO	Pre
Small appliance	Vacuum	46G	0.01	0.00	-	Black	Tube fitting	EB	Pre
Small appliance	Vacuum	46H	0.06	0.00	284	Black	Brush roller	IF	Pre
Small appliance	Vacuum	46I	0.00	0.00	57.0	Black	Wheel frame	EB	Pre
Small appliance	Vacuum	48A	0.00	0.00	-	Other	Outer top casing	EC	Pre
Small appliance	Vacuum	48B	0.05	0.02	-	Black	Top hose connector	EB	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Vacuum	48C	0.42	0.09	-	Black	Bag casing	EB	Pre
Small appliance	Vacuum	48D	0.00	0.00	83.0	White	Bag inlet frame	EB	Pre
Small appliance	Vacuum	48E	0.03	0.00	58.0	Black	Air vent	EB	Pre
Small appliance	Vacuum	48F	0.01	0.00	52.0	Black	Button	EB	Pre
Small appliance	Vacuum	48G	0.72	0.00	-	Black	Clip	IF	Pre
Small appliance	Vacuum	48H	0.05	0.01	-	Black	Brush cartridge	EB	Pre
Small appliance	Vacuum	48I	0.02	0.00	-	Black	Wheel	EB	Pre
Small appliance	Vacuum	48J	0.18	0.04	-	Black	Base unit	EC	Pre
Small appliance	Vacuum	48K	0.00	0.00	-	White	Spool	IF	Pre
Small appliance	Vacuum	49A	0.00	0.00	-	Other	Outer body	EC	Pre
Small appliance	Vacuum	49B	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Vacuum	50A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Vacuum	50B	0.00	0.00	-	Other	Inner casing	IF	Pre
Small appliance	Vacuum	50C	0.00	0.00	-	Other	Clear outer casing	EC	Pre
Small appliance	Vacuum	50D	0.00	0.00	-	Other	Button	EB	Pre
Small appliance	Vacuum	52A	0.00	0.00	-	Other	Foot pedal	EB	Pre
Small appliance	Vacuum	52B	0.00	0.00	-	Other	Outside casing	EC	Pre
Small appliance	Vacuum	52C	0.01	0.00	-	Other	Wheel	EB	Pre
Small appliance	Vacuum	52D	0.01	0.00	-	Black	Hose connector	EB	Pre
Small appliance	Vacuum	52E	0.00	0.00	-	Black	Brush guard	IF	Pre
Small appliance	Vacuum	52F	0.12	0.02	46.0	Black	Wheel plate	EB	Pre
Small appliance	Vacuum	52G	0.00	0.00	-	Black	Brush spindle	IF	Pre
Small appliance	Vacuum	53A	0.00	0.00	-	Other	Dust bag	IF	Pre
Small appliance	Vacuum	53B	0.00	0.01	-	Black	Switch panel	IO	Pre
Small appliance	Vacuum	53C	0.00	0.00	-	Black	Cable spool	IF	Pre
Small appliance	Vacuum	53D	0.00	0.33	-	White	Cable spool	IF	Pre
Small appliance	Vacuum	53E	0.00	0.00	-	White	Frame	IF	Pre
Small appliance	Vacuum	53F	0.00	0.01	-	Other	Outer case	EC	Pre
Small appliance	Vacuum	53G	0.00	0.01	-	Black	Outer case	EC	Pre
Small appliance	Vacuum	53H	0.00	0.00	-	White	Motor casing	MC	Pre
Small appliance	Vacuum	54A	0.00	0.00	-	Other	Inner section	IF	Pre
Small appliance	Vacuum	54B	0.00	0.00	-	Other	Clear outer	EC	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Vacuum	54C	0.00	0.00	-	Black	Base	EC	Pre
Small appliance	Vacuum	55A	0.00	0.00	-	Other	Inner section	IF	Pre
Small appliance	Vacuum	55B	0.00	0.00	-	Other	Outer section	EC	Pre
Small appliance	Vacuum	56A	0.00	0.01	-	Other	Green outer cyclone casing	EC	Pre
Small appliance	Vacuum	56B	0.00	0.00	-	Other	Purple outer cyclone casing	EC	Pre
Small appliance	Vacuum	60A	0.00	0.00	-	Black	Engine casing	MC	Post
Small appliance	Vacuum	60B	0.03	0.03	-	Black	Engine casing	MC	Post
Small appliance	Vacuum	60C	0.00	0.00	-	Other	Frame	IF	Post
Small appliance	Vacuum	60D	0.00	0.00	-	Black	Outer case	EC	Post
Small appliance	Vacuum	60E	0.02	0.01	-	Black	Bottom case	EC	Post
Small appliance	Vacuum	60F	0.00	0.00	-	Black	Wheel	EB	Post
Small appliance	Vacuum	60G	0.03	0.00	-	Black	Motor casing	MC	Post
Small appliance	Vacuum	60H	0.00	0.00	-	Black	Spool casing	IF	Post
Small appliance	Vacuum	61A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Vacuum	61B	0.00	0.00	-	Black	Wire frame	IF	Post
Small appliance	Vacuum	61C	0.00	0.00	-	Black	Inner frame	IF	Post
Small appliance	Vacuum	61D	0.00	0.00	-	Black	Bottom casing	EC	Post
Small appliance	Vacuum	61E	0.00	0.00	-	Black	Spool casing	IF	Post
Small appliance	Vacuum	61F	0.00	0.00	-	Black	Spool	IF	Post
Small appliance	Vacuum	61G	0.00	0.00	-	Black	Inner casing	IF	Post
Small appliance	Vacuum	61H	0.00	0.00	-	Black	Motor casing	MC	Post
Small appliance	Vacuum	61I	0.00	0.00	-	Black	Motor top	MC	Post
Small appliance	Vacuum	61J	0.01	0.00	-	Black	Motor casing	MC	Post
Small appliance	Vacuum	64A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Vacuum	64B	0.00	0.00	-	Black	Brush	IF	Post
Small appliance	Vacuum	64C	0.00	0.00	-	Other	Outer case	EC	Post
Small appliance	Vacuum	64D	0.16	0.19	-	Other	Power switch	IO	Post
Small appliance	Vacuum	64E	0.00	0.00	-	Other	Dust container	IF	Post
Small appliance	Vacuum	67A	0.01	0.01	-	Black	Base casing	EC	Post
Small appliance	Vacuum	67B	0.01	0.00	-	Black	Engine casing	MC	Post
Small appliance	Vacuum	67C	0.00	0.00	-	Black	Spool	IF	Post
Small appliance	Vacuum	67D	0.08	0.02	56.0	Black	Wheel	EB	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Vacuum	67E	0.03	0.01	-	Black	Internal switch	IO	Post
Small appliance	Vacuum	67F	0.01	0.00	-	Black	Lever	EB	Post
Small appliance	Vacuum	71A	0.00	0.00	-	Other	Knob	EB	Post
Small appliance	Vacuum	71B	0.01	0.01	-	Black	Casing	EC	Post
Small appliance	Vacuum	71C	0.00	0.00	-	Black	Wheel	EB	Post
Small appliance	Vacuum	71D	0.00	0.00	-	Other	Wheel cover	EB	Post
Small appliance	Vacuum	71E	0.04	0.01	155	Black	Motor casing	MC	Post
Small appliance	Vacuum	71F	0.00	0.00	-	Other	Pipe	IF	Post
Small appliance	Vacuum	71G	7.48	2.88	4.00	Other	Cable casing	IO	Post
Small appliance	Vacuum	72A	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Vacuum	72B	0.00	0.00	-	Other	Pipe	IF	Post
Small appliance	Vacuum	72C	0.00	0.00	-	Black	Brush	IF	Post
Small appliance	Vacuum	72D	0.00	0.00	-	Other	Pipe	IF	Post
Small appliance	Vacuum	72E	0.00	0.00	-	Other	Dust collector	IF	Post
Small appliance	Vacuum	72F	0.01	0.00	-	Other	Motor casing	MC	Post
Small appliance	Vacuum	72G	0.00	0.01	-	Other	Motor casing	MC	Post
Small appliance	Vacuum	72H	0.00	0.00	-	Black	Cable connector	IO	Post
Small appliance	Vacuum	72I	15.2	3.55	6.00	Black	Inner switch	IO	Post
Small appliance	Vacuum	73A	0.00	0.00	-	Black	Outer casing	EC	Post
Small appliance	Vacuum	73B	0.01	0.01	-	Other	Base casing	EC	Post
Small appliance	Vacuum	73C	0.00	0.00	-	Black	Air vent	EB	Post
Small appliance	Vacuum	73D	0.00	0.00	-	Other	Wheel	EB	Post
Small appliance	Vacuum	73E	6.49	1.71	4.00	Other	Electrical component case	IO	Post
Small appliance	Vacuum	73F	0.77	0.27	350	White	Spool	IF	Post
Small appliance	Vacuum	73G	0.00	0.00	-	Black	Power switch	IO	Post
Small appliance	Vacuum	76A	0.00	0.00	-	Other	Power pedal	EB	Post
Small appliance	Vacuum	76B	0.00	0.00	-	Other	Wheel	EB	Post
Small appliance	Vacuum	76C	0.00	0.00	-	Black	Outer case	EC	Post
Small appliance	Vacuum	76D	0.00	0.00	-	Other	Inner shell	IF	Post
Small appliance	Vacuum	76E	0.02	0.00	-	Black	Inner fixing	IF	Post
Small appliance	Vacuum	76F	0.00	0.00	-	Other	Inner frame	IF	Post
Small appliance	Vacuum	76G	5.74	1.63	-	Other	Electrical component case	IO	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Vacuum	77A	0.00	0.00	-	White	Outer casing	EC	Post
Small appliance	Vacuum	77B	0.00	0.00	-	Other	Base casing	EC	Post
Small appliance	Vacuum	77C	0.00	0.00	-	Other	Pipe	IF	Post
Small appliance	Vacuum	77D	0.00	0.00	-	Other	Knob	EB	Post
Small appliance	Vacuum	77E	0.00	0.00	-	Other	Wheel	EB	Post
Small appliance	Vacuum	77F	0.00	0.00	-	Black	Cable connector	IO	Post
Small appliance	Vacuum	78A	0.00	0.00	-	Black	Outer casing	EC	Post
Small appliance	Vacuum	78B	0.00	0.00	-	Black	Bottom casing	EC	Post
Small appliance	Vacuum	78C	0.00	0.00	-	Other	Power switch	IO	Post
Small appliance	Vacuum	78D	0.00	0.00	-	Black	Wheel	EB	Post
Small appliance	Vacuum	79A	0.00	0.00	-	Black	Motor case	MC	Post
Small appliance	Vacuum	79B	0.00	0.00	-	Black	Outer case	EC	Post
Small appliance	Vacuum	79C	0.01	0.00	-	Black	Outer casing	EC	Post
Small appliance	Vacuum	79D	4.14	2.32	25.0	White	White component housing	IO	Post
Small appliance	Vacuum	79E	0.09	0.01	14.0	Black	Switch	IO	Post
Small appliance	Vacuum (Compact)	443A	0.27	0.05	304	Other	Outside casing	EC	Post
Small appliance	Vacuum (Compact)	443B	0.00	0.00	-	Black	Motor housing	MC	Post
Small appliance	Vacuum (Compact)	443C	0.00	0.00	-	Black	Motor base	MC	Post
Small appliance	Vacuum (Compact)	443D	0.00	0.00	-	Black	Motor casing	MC	Post
Small appliance	Vacuum (handheld)	51A	0.00	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Vacuum (handheld)	51B	0.00	0.00	-	Black	Motor casing	MC	Pre
Small appliance	Vacuum (handheld)	51C	0.00	0.02	-	White	Fan	F	Pre
Small appliance	Vacuum (handheld)	293A	0.00	0.00	-	White	Outer casing	EC	Pre
Small appliance	Vacuum (handheld)	293B	0.00	0.00	-	Other	Water cover	EC	Pre
Small appliance	Vacuum (handheld)	293C	0.00	0.00	-	White	Motor housing	MC	Pre
Small appliance	Vacuum (handheld)	293D	0.00	0.00	-	Other	Fan	F	Pre
Small appliance	Vacuum (handheld)	293E	0.00	0.00	-	Black	Switch box	IO	Pre
Small appliance	Vacuum (handheld)	293F	0.00	0.00	-	Other	Outer fixing	EB	Pre
Small appliance	Vacuum (handheld)	415A	0.00	0.00	-	Black	Outside casing	EC	Post
Small appliance	Vacuum (handheld)	415B	0.03	0.07	4.00	Black	Switch	IO	Post
Small appliance	Vacuum (handheld)	415C	9.47	2.08	76.0	Black	Motor housing	MC	Post
Small appliance	Vacuum (handheld)	415E	0.00	0.00	-	Black	Motor casing	MC	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Small appliance	Vacuum (handheld)	415F	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Vacuum (handheld, dust buster)	37A	0.00	0.00	-	Black	Dust collector top	EC	Pre
Small appliance	Vacuum (handheld, dust buster)	37B	0.00	0.00	-	Other	Handle and top	EC	Pre
Small appliance	Vacuum (handheld, dust buster)	37C	0.00	0.00	-	Other	Top chamber	EC	Pre
Small appliance	Vacuum (handheld, dust buster)	37D	0.00	0.00	-	Other	Chamber	IF	Pre
Small appliance	Vacuum (handheld, dust buster)	37E	0.00	0.00	-	White	Foam in filter	FO	Pre
Small appliance	Vacuum (handheld, dust buster)	37F	0.00	0.00	-	Other	On-off switch	IO	Pre
Small appliance	Vacuum (handheld, dust buster)	310A	0.00	0.00	-	Black	Outer casing	EC	Post
Small appliance	Vacuum (handheld, dust buster)	310B	0.00	0.00	-	Other	Outer casing	EC	Post
Small appliance	Vacuum (handheld, dust buster)	310C	0.00	0.00	-	Other	Motor casing	MC	Post
Small appliance	Vacuum (handheld, dust buster)	310D	0.16	0.03	-	Black	Fan	F	Post
Small appliance	Vacuum (handheld, dust buster)	310E	0.00	0.00	-	White	Inner framework	IF	Post
Small appliance	Vacuum (handheld, dust buster)	310F	0.00	0.00	-	Other	Inner casing	IF	Post
Small appliance	Vacuum (handheld, dust buster)	310G	0.00	0.00	-	Other	Inner framework	IF	Post
Small appliance	Vacuum (handheld, dust buster)	310H	0.00	0.00	-	Black	Nozzle inner framework	IF	Post
Small appliance	Water timer	383A	0.00	0.02	-	Other	Outer casing	EC	Pre
Small appliance	Water timer	383B	0.00	0.01	-	Other	Back casing	EC	Pre
Small appliance	Water timer	383C	0.00	0.00	-	Black	Inner framework	IF	Pre
Small appliance	Water timer	383D	0.00	0.00	-	White	Cog	G	Pre
Small appliance	Yoghurt maker	447A	0.00	0.00	-	White	Top casing	EC	Pre
Small appliance	Yoghurt maker	447B	0.00	0.00	-	Other	Bottom casing	EC	Pre
Small appliance	Yoghurt maker	447C	0.00	0.26	-	Black	Inner framework	IF	Pre
Small appliance	Yoghurt maker	447D	0.00	0.00	-	White	Biscuit connector	IO	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Circular saw	182A	0.00	0.00	-	Black	Frame	EB	Pre
Electric tools	Circular saw	182B	0.00	0.00	-	Black	Frame	EB	Pre
Electric tools	Circular saw	182C	0.00	0.00	-	Black	Vent	EB	Pre
Electric tools	Circular saw	321A	0.00	0.00	-	Black	Motor casing	MC	Post
Electric tools	Circular saw	321B	0.03	0.01	681	Black	Main casing	EC	Post
Electric tools	Circular saw	321C	0.01	0.01	-	Black	Handle	EB	Post
Electric tools	Circular saw	321D	0.01	0.01	-	Black	Handle	EB	Post
Electric tools	Circular saw	321E	0.05	0.00	18.0	Black	Connector box	IO	Post
Electric tools	Circular saw	328A	0.00	0.00	-	Black	Outer casing	EC	Post
Electric tools	Circular saw	328B	0.00	0.00	-	Black	Framework cap	IF	Post
Electric tools	Circular saw	328C	0.00	0.00	-	Other	Impeller	F	Post
Electric tools	Circular saw	328D	0.00	0.00	-	Other	Outer fixing cap	IF	Post
Electric tools	Circular saw	328E	0.00	0.00	-	Black	Grill	EB	Post
Electric tools	Circular saw	426A	3.00	1.64	31.0	Black	Switch	IO	Post
Electric tools	Circular saw	426B	0.01	0.00	-	Black	Outside casing/frame	EC	Post
Electric tools	Circular saw	426C	0.00	0.00	-	Other	Outside casing	EC	Post
Electric tools	Circular saw	426D	0.00	0.00	-	Black	Adjustment knob	EB	Post
Electric tools	Circular saw	426E	0.02	0.00	-	White	Fan	F	Post
Electric tools	Circular saw	426F	0.01	0.00	-	Other	Casing	EC	Post
Electric tools	Drill	177A	0.00	0.00	-	Other	Outside casing	EC	Pre
Electric tools	Drill	177B	0.00	0.00	-	Other	Start button	EB	Pre
Electric tools	Drill	177C	0.07	0.02	23.0	Black	Start button casing	IO	Pre
Electric tools	Drill	177D	0.01	0.01	-	Black	Mandrel	MC	Pre
Electric tools	Drill	177E	0.00	0.00	-	Black	Mandrel frame	MC	Pre
Electric tools	Drill	177F	0.00	0.00	-	Black	Mandrel top	MC	Pre
Electric tools	Drill	181A	0.00	0.00	-	Other	Outside casing	EC	Pre
Electric tools	Drill	181B	0.00	0.00	-	Other	Power button	IO	Pre
Electric tools	Drill	181C	0.00	0.00	-	Black	Cable connector	IO	Pre
Electric tools	Drill	183A	0.00	0.00	-	Other	Outer casing	EC	Pre
Electric tools	Drill	183B	0.00	0.01	-	Black	Mandrel	MC	Pre
Electric tools	Drill	183C	0.00	0.00	-	Black	Top outer casing	EC	Pre
Electric tools	Drill	183D	0.01	0.00	-	Black	Connector housing	IO	Pre



Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Drill	183E	0.07	0.00	32.0	Black	Trigger	IO	Pre
Electric tools	Drill	197A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Drill	197B	0.00	0.00	-	Other	Switch casing	IO	Post
Electric tools	Drill	197C	0.00	0.00	-	Black	Drill head	MC	Post
Electric tools	Drill	197D	0.00	0.00	-	White	Motor casing	MC	Post
Electric tools	Drill	197E	0.00	0.00	-	Black	Cable connector	IO	Post
Electric tools	Drill	197F	0.01	0.00	-	Black	Cable housing	IO	Post
Electric tools	Drill	197G	0.00	0.00	-	Black	Cable connector	IO	Post
Electric tools	Drill	198A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Drill	198B	0.00	0.00	-	Other	Handle	EC	Post
Electric tools	Drill	198C	0.00	0.00	-	Other	Vent	EB	Post
Electric tools	Drill	198D	0.01	0.00	-	Other	Trigger	IO	Post
Electric tools	Drill	198E	0.23	0.22	24.0	Black	Inner switch	IO	Post
Electric tools	Drill	198F	0.00	0.00	-	Other	Button	EB	Post
Electric tools	Drill	198G	0.00	0.00	-	Black	Inner frame	IF	Post
Electric tools	Drill	198H	0.00	0.00	-	Other	Motor casing	MC	Post
Electric tools	Drill	198I	0.00	0.01	-	Other	Drill head	MC	Post
Electric tools	Drill	198J	0.01	0.00	-	Black	Drill head	MC	Post
Electric tools	Drill	198K	0.00	0.00	-	Other	Outer frame	EC	Post
Electric tools	Drill	205A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Drill	205B	0.09	0.16	36.0	Black	Trigger	IO	Post
Electric tools	Drill	205C	0.07	0.09	8.00	Black	Electrical component casing	IO	Post
Electric tools	Drill	209A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Drill	209B	0.00	0.00	-	Other	Button	EB	Post
Electric tools	Drill	209C	0.01	0.00	-	Other	Trigger	IO	Post
Electric tools	Drill	209D	0.27	0.82	19.0	Black	Internal trigger mechanism	IO	Post
Electric tools	Drill	209E	0.00	0.00	-	Other	Power button	IO	Post
Electric tools	Drill	209F	0.00	0.00	-	Other	Rotor frame	EB	Post
Electric tools	Drill	209G	0.01	0.00	-	Other	Lace	EB	Post
Electric tools	Drill	209H	0.06	0.02	15.0	Black	Drill head	MC	Post
Electric tools	Drill	209I	0.01	0.00	-	Other	Drill head mid-section	MC	Post
Electric tools	Drill	210A	0.00	0.00	-	Other	Outer casing	EC	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Drill	210B	0.00	0.00	-	Other	Switch cover	EB	Post
Electric tools	Drill	210C	0.00	0.00	-	Black	Drill head mid-section	MC	Post
Electric tools	Drill	210D	0.01	0.00	-	Black	Drill head top section	MC	Post
Electric tools	Drill	210E	0.00	0.00	-	White	Motor cover	MC	Post
Electric tools	Drill	210F	0.22	0.18	4.00	Other	Trigger	IO	Post
Electric tools	Drill	210G	0.18	0.19	25.0	Black	Trigger internal mechanism	IO	Post
Electric tools	Drill	320A	0.00	0.00	-	Other	Outer casing	EC	Pre
Electric tools	Drill	320B	0.02	0.02	-	Black	Drill head casing	MC	Pre
Electric tools	Drill	320C	0.00	0.00	-	Other	Inner casing for drill head	MC	Pre
Electric tools	Drill	320D	0.00	0.01	-	Black	Grill	EB	Pre
Electric tools	Drill	320E	0.01	0.01	-	Black	Trigger	IO	Pre
Electric tools	Drill	320F	0.13	0.04	37.0	Black	Trigger component casing	IO	Pre
Electric tools	Drill	320G	0.00	0.00	-	Black	Switch	IO	Pre
Electric tools	Drill	326A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Drill	326B	0.01	0.00	-	Black	Trigger box	IO	Post
Electric tools	Drill	326C	0.00	0.00	-	Black	Trigger	IO	Post
Electric tools	Drill	326D	0.01	0.00	-	Black	Switch	IO	Post
Electric tools	Drill	326E	0.00	0.00	-	Other	Switch	IO	Post
Electric tools	Drill	326F	0.00	0.00	-	Other	Drill head casing	MC	Post
Electric tools	Drill	326G	0.00	0.00	-	Other	Inner drill casing	MC	Post
Electric tools	Drill	326H	0.01	0.00	-	Black	Upper drill head casing	MC	Post
Electric tools	Drill	405A	0.00	0.00	-	Black	Outer casing	EC	Pre
Electric tools	Drill	405B	0.00	0.00	-	Black	Inner casing	IF	Pre
Electric tools	Drill	405C	0.00	0.00	-	Black	Trigger	IO	Pre
Electric tools	Drill	405D	0.00	0.00	-	Black	Trigger box	IO	Pre
Electric tools	Electric screwdriver	381A	0.00	0.00	-	Black	Handle	EB	Pre
Electric tools	Electric screwdriver	381B	0.00	0.00	-	Black	Inner casing	IF	Pre
Electric tools	Electric screwdriver	381C	0.00	0.03	-	Black	Inner framework	IF	Pre
Electric tools	Electric screwdriver	381D	0.00	0.00	-	Black	Drill head cover	MC	Pre
Electric tools	Heat gun	442A	0.00	0.00	-	Other	Outside casing	EC	Post
Electric tools	Heat gun	442B	0.00	0.00	-	Black	Nozzle sleeve	EC	Post
Electric tools	Heat gun	442C	0.00	0.00	-	Black	Wire connector	IO	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Heat gun	442D	0.00	0.11	-	Black	Switch	IO	Post
Electric tools	Heat gun	442E	0.00	0.00	-	Black	Fan	F	Post
Electric tools	Heat gun	442F	0.00	0.00	-	Black	Motor housing	MC	Post
Electric tools	Hedge trimmer	184A	0.00	0.07	-	Other	Outer casing	EC	Pre
Electric tools	Hedge trimmer	184B	0.00	0.00	-	Black	Motor casing	MC	Pre
Electric tools	Hedge trimmer	184C	0.00	0.00	-	Black	Inner connector	IO	Pre
Electric tools	Hedge trimmer	196A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Hedge trimmer	196B	0.00	0.00	-	Other	Trigger	IO	Post
Electric tools	Hedge trimmer	196C	0.00	0.00	-	Black	Motor casing	MC	Post
Electric tools	Hedge trimmer	196D	0.00	0.00	-	White	Motor casing	MC	Post
Electric tools	Hedge trimmer	196E	0.00	0.00	-	Other	Trigger	IO	Post
Electric tools	Hedge trimmer	196F	8.96	2.66	19.0	Black	Inner switch	IO	Post
Electric tools	Hedge trimmer	196G	0.00	0.01	-	Black	Motor casing	MC	Post
Electric tools	Hedge trimmer	199A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Hedge trimmer	199B	0.01	0.00	-	Black	Handle	EC	Post
Electric tools	Hedge trimmer	199C	0.02	0.01	-	Black	Inner framework	IF	Post
Electric tools	Hedge trimmer	199D	6.24	1.87	4.00	Black	Cable connector	IO	Post
Electric tools	Hedge trimmer	200A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Hedge trimmer	200B	0.00	0.00	-	Other	Trigger	IO	Post
Electric tools	Hedge trimmer	200C	0.01	0.00	-	Black	Rotor casing	MC	Post
Electric tools	Hedge trimmer	200D	11.1	5.27	3.00	Black	Cable connector	IO	Post
Electric tools	Hedge trimmer	319A	0.00	0.00	-	Other	Top casing	EC	Pre
Electric tools	Hedge trimmer	319B	0.00	0.00	-	Black	Handle guard	EB	Pre
Electric tools	Hedge trimmer	319C	6.56	2.80	9.00	Black	Switch box	IO	Pre
Electric tools	Hedge trimmer	319D	0.00	0.00	-	Other	Handle	EB	Pre
Electric tools	Hedge trimmer	424A	0.01	0.00	-	Black	Base	EB	Post
Electric tools	Hedge trimmer	424B	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Hedge trimmer	424C	0.00	0.00	-	Black	Handle	EB	Post
Electric tools	Hedge trimmer	424D	0.00	0.00	-	Other	Switch handle	EB	Post
Electric tools	Hedge trimmer	424E	0.00	0.00	-	Black	Motor housing	MC	Post
Electric tools	Hedge trimmer	424F	8.81	2.02	7.00	Black	Switch	IO	Post
Electric tools	Hedge trimmer	424G	5.44	1.87	15.0	Black	Cable junction	IO	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Jigsaw	178A	0.00	0.00	-	Other	Casing	EC	Pre
Electric tools	Jigsaw	178B	0.00	0.00	-	Black	Black	EC	Pre
Electric tools	Jigsaw	178C	0.07	0.12	-	Black	Inner handle	IF	Pre
Electric tools	Jigsaw	178D	0.00	0.00	-	Other	Inner frame	IF	Pre
Electric tools	Jigsaw	178E	0.00	0.00	-	Black	Saw holder	EB	Pre
Electric tools	Jigsaw	178F	0.02	0.02	-	Black	Motor casing	MC	Pre
Electric tools	Jigsaw	185A	0.00	0.01	-	Other	Outer casing	EC	Pre
Electric tools	Jigsaw	185B	0.00	0.00	-	Other	Switch casing	IO	Pre
Electric tools	Jigsaw	185C	0.00	0.00	-	Black	Trigger	IO	Pre
Electric tools	Jigsaw	185D	0.00	0.00	-	Black	Cable connector	IO	Pre
Electric tools	Jigsaw	336A	0.00	0.00	-	Black	Handle	EB	Pre
Electric tools	Jigsaw	336B	0.00	0.00	-	Other	Trigger	IO	Pre
Electric tools	Jigsaw	336C	0.00	0.00	-	Black	Trigger box	IO	Pre
Electric tools	Jigsaw	336D	0.01	0.00	-	Black	Back casing	EB	Pre
Electric tools	Jigsaw	336E	0.00	0.00	-	Other	Dial	EB	Pre
Electric tools	Jigsaw	336F	0.01	0.00	-	Black	Motor casing	MC	Pre
Electric tools	Jigsaw	375A	0.00	0.00	-	Other	Outer case	EC	Pre
Electric tools	Jigsaw	375B	0.00	0.00	-	Other	Trigger	IO	Pre
Electric tools	Jigsaw	375C	0.00	0.00	-	Black	Trigger box	IO	Pre
Electric tools	Jigsaw	375D	0.00	0.00	-	Other	Rotor	MC	Pre
Electric tools	Jigsaw	438A	0.00	0.00	-	Other	Outer casing	EC	Pre
Electric tools	Jigsaw	438B	0.00	0.00	-	Other	Trigger	IO	Pre
Electric tools	Jigsaw	438C	0.00	0.00	-	Black	Trigger box	IO	Pre
Electric tools	Jigsaw	438D	0.00	0.00	-	Black	Motor housing	MC	Pre
Electric tools	Jigsaw	438E	0.00	0.00	-	Black	Dial	EB	Pre
Electric tools	Jigsaw	446A	0.00	0.00	-	Other	Outer casing	EC	pre
Electric tools	Jigsaw	446B	0.51	0.00	458	Other	Motor casing	MC	pre
Electric tools	Jigsaw	446C	0.00	0.00	-	Black	Trigger	IO	pre
Electric tools	Jigsaw	446D	0.00	0.00	-	Black	Trigger box	IO	pre
Electric tools	Lawn mower	190A	0.00	0.00	-	Other	Outer casing	EC	Pre
Electric tools	Lawn mower	190B	0.00	0.00	-	White	Motor housing	MC	Pre
Electric tools	Lawn mower	190C	0.00	0.00	-	Black	Wheel	EB	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Lawn mower	190E	0.00	0.00	-	Black	Motor housing	MC	Pre
Electric tools	Lawn mower	190F	0.00	0.00	-	Black	Base	EC	Pre
Electric tools	Lawn mower	193A	0.00	0.01	-	Other	Outer casing top	EC	Pre
Electric tools	Lawn mower	193B	0.00	0.00	-	Other	Outer casing side	EC	Pre
Electric tools	Lawn mower	193C	0.00	0.00	-	Black	Wheel	EB	Pre
Electric tools	Lawn mower	193D	0.00	0.00	-	Black	Lid	EB	Pre
Electric tools	Lawn mower	193E	0.00	0.00	-	Other	Blade frame	EB	Pre
Electric tools	Lawn mower	194A	0.03	0.00	-	Other	Top casing	EC	Post
Electric tools	Lawn mower	194B	0.03	0.00	-	Other	Outer wheel	EB	Post
Electric tools	Lawn mower	194C	0.01	0.00	-	Other	Wheel mid-section	EB	Post
Electric tools	Lawn mower	194D	0.03	0.00	215	Other	Lid	EB	Post
Electric tools	Lawn mower	194E	0.00	0.00	-	Black	Bottom section casing	EC	Post
Electric tools	Lawn mower	194F	0.00	0.00	-	White	Fan	F	Post
Electric tools	Lawn mower	194G	0.00	0.00	-	Black	Cylindrical inner frame	IF	Post
Electric tools	Lawn mower	194H	0.00	0.00	-	White	Cable connector	IO	Post
Electric tools	Lawn mower	194I	0.00	0.00	-	Black	Rotor frame	MC	Post
Electric tools	Lawn mower	195A	0.00	0.00	-	Other	Basket part of lawnmower	EB	Post
Electric tools	Lawn mower	202A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Lawn mower	202B	0.00	0.00	-	Other	Wheel mid-section	EB	Post
Electric tools	Lawn mower	204A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Lawn mower	204B	0.00	0.05	-	Other	Handle	EB	Post
Electric tools	Lawn mower	204C	0.00	0.00	-	Other	Handle	EB	Post
Electric tools	Lawn mower	204D	0.00	0.00	-	Other	Trigger	IO	Post
Electric tools	Lawn mower	204E	0.00	0.00	-	Black	Motor housing	MC	Post
Electric tools	Lawn mower	204F	0.00	0.00	-	Black	Rotor guard	EB	Post
Electric tools	Lawn mower	204G	0.00	0.00	-	Black	Blade cap	EB	Post
Electric tools	Lawn mower	211A	0.00	0.00	-	Other	Lid	EB	Post
Electric tools	Lawn mower	211B	0.00	0.00	-	Other	Top casing	EC	Post
Electric tools	Lawn mower	211C	0.01	0.00	-	Other	Wheel mid-section	EB	Post
Electric tools	Lawn mower	211D	0.02	0.00	-	Black	Wheel (tyre section)	EB	Post
Electric tools	Lawn mower	211E	0.00	0.01	-	Black	Blade frame	EB	Post
Electric tools	Lawn mower	211F	0.00	0.00	-	Black	Inner frame	EB	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Lawn mower	211G	0.03	0.03	36.0	Black	Handle	EB	Post
Electric tools	Lawn mower	211H	0.01	0.00	-	Black	Cable hook	EB	Post
Electric tools	Lawn mower	212A	0.00	0.00	-	Other	Trigger	IO	Post
Electric tools	Lawn mower	212B	0.00	0.00	-	Black	Trigger case	IO	Post
Electric tools	Lawn mower	212C	0.00	0.00	-	Black	Cable casing	IO	Post
Electric tools	Lawn mower	212D	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Lawn mower	212E	0.00	0.00	-	Black	Top casing	EC	Post
Electric tools	Lawn mower	212F	0.00	0.00	-	Black	Bag lid	EB	Post
Electric tools	Lawn mower	212G	0.00	0.00	-	Black	Wheel tread	EB	Post
Electric tools	Lawn mower	212H	0.00	0.00	-	Black	Base casing	EB	Post
Electric tools	Leaf blower	325A	0.00	0.00	-	Other	Outside casing	EC	Post
Electric tools	Leaf blower	325B	0.03	0.01	124	Black	Nozzle	EC	Post
Electric tools	Leaf blower	325C	0.00	0.00	-	White	Biscuit connector	IO	Post
Electric tools	Leaf blower	325D	9.52	4.97	-	White	Motor housing	MC	Post
Electric tools	Paint spray gun	450A	0.00	0.00	-	Other	Outer casing	EC	Post
Electric tools	Paint spray gun	450B	0.01	0.00	-	Black	Handle	EB	Post
Electric tools	Paint spray gun	450C	0.01	0.00	-	Black	Inner framework	IF	Post
Electric tools	Paint spray gun	450D	0.00	0.00	-	White	Wire connector	IO	Post
Electric tools	Paint spray gun	450E	0.01	0.00	-	Black	Inner framework	IF	Post
Electric tools	Paint spray gun	450F	7.05	4.24	-	White	Transformer casing	IO	Post
Electric tools	Paint spray gun	450G	0.00	0.00	-	Other	Knob	EB	Post
Electric tools	Power extension	179A	0.00	0.00	-	Other	Casing	EC	Pre
Electric tools	Power extension	179B	0.00	0.01	-	Other	Handle	EB	Pre
Electric tools	Power extension	179C	0.00	0.00	-	Other	Inner frame	IF	Pre
Electric tools	Power extension	179D	0.00	0.00	-	Other	Inner frame	IF	Pre
Electric tools	Pressure washer	322A	0.03	0.01	74.0	Black	Compressor cover	MC	Post
Electric tools	Pressure washer	322B	0.00	0.00	-	White	Biscuit connector	IO	Post
Electric tools	Pressure washer	322C	0.01	0.00	-	Other	Outer casing	EC	Post
Electric tools	Pressure washer	322D	0.28	0.12	56.0	Black	Cap fixing	IF	Post
Electric tools	Pressure washer	350A	0.00	0.00	-	Other	Handle	EB	Pre
Electric tools	Pressure washer	350B	0.00	0.00	-	Other	Outer casing	EC	Pre
Electric tools	Pressure washer	350C	0.00	0.00	-	Other	Panel cover	EB	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Pressure washer	350D	0.31	0.10	-	Other	Light casing	IO	Pre
Electric tools	Pressure washer	350E	7.05	1.39	4.00	White	Bulb holder	IO	Pre
Electric tools	Pressure washer	350F	0.11	0.00	9.00	Black	Bulb casing	IO	Pre
Electric tools	Pressure washer	350G	0.24	0.09	-	Other	Light casing	IO	Pre
Electric tools	Pressure washer	350H	5.50	1.14	5.00	White	Bulb holder	IO	Pre
Electric tools	Pressure washer	350I	0.11	0.00	9.00	Black	Bulb casing	IO	Pre
Electric tools	Pressure washer	350J	0.00	0.00	-	White	Pressure gauge	EB	Pre
Electric tools	Pressure washer	350K	0.00	0.00	-	Black	Pressure gauge	EB	Pre
Electric tools	Pressure washer	350L	0.92	0.38	129	Other	Knob	EB	Pre
Electric tools	Pressure washer	350M	0.00	0.00	-	Black	Inner framework	IF	Pre
Electric tools	Pressure washer	350N	0.03	0.00	-	Black	Inner framework	IF	Pre
Electric tools	Pressure washer	350O	0.19	0.06	89.0	Other	Connector	IO	Pre
Electric tools	Pressure washer	350P	0.01	0.01	-	Other	Wheel	EB	Pre
Electric tools	Pressure washer	350Q	0.00	0.00	-	Black	Cable connector	IO	Pre
Electric tools	Pressure washer	350R	0.00	0.00	-	Other	Valve casing	IF	Pre
Electric tools	Pressure washer	350S	0.00	0.00	-	Black	Wire housing	IO	Pre
Small appliance	Pressure washer	410A	0.00	0.00	-	Black	Outer casing	EC	Pre
Small appliance	Pressure washer	410B	0.00	0.00	-	Black	Switch box	IO	Pre
Small appliance	Pressure washer	410C	0.00	0.00	-	White	Switch	IO	Pre
Small appliance	Pressure washer	410D	0.15	0.05	83.0	White	Capacitor casing	IO	Pre
Small appliance	Pressure washer	410E	0.01	0.00	-	Other	Outer casing	EC	Pre
Small appliance	Pressure washer	410F	0.01	0.00	-	Black	Pump housing	MC	Pre
Small appliance	Pressure washer	410G	0.17	0.07	56.0	Black	Pump propeller	NC	Pre
Small appliance	Pressure washer	410H	0.00	0.00	-	Black	Screw	IF	Pre
Electric tools	Sander	192A	0.03	0.02	92.0	Black	Outer casing	EC	Pre
Electric tools	Sander	192B	0.00	0.00	-	Black	Trigger	IO	Pre
Electric tools	Sander	327A	0.00	0.00	-	Black	Outside casing	EC	Post
Electric tools	Sander	327B	0.00	0.00	-	Other	Trigger	IO	Post
Electric tools	Sander	327C	0.00	0.00	-	White	Trigger box	IO	Post
Electric tools	Sander	327D	0.00	0.00	-	Other	Rotating piece	EC	Post
Electric tools	Sander	327E	0.00	0.00	-	Other	Inner framework	IF	Post
Electric tools	Sander	343A	0.00	0.00	-	Black	Trigger	IO	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Sander	343B	0.00	0.00	-	Black	Trigger box	IO	Pre
Electric tools	Strimmer	180A	0.00	0.00	-	Other	Outside casing	EC	Pre
Electric tools	Strimmer	180B	0.00	0.00	-	Other	Outside casing	EC	Pre
Electric tools	Strimmer	180C	0.00	0.00	-	Other	Circular frame	IF	Pre
Electric tools	Strimmer	180D	0.00	0.00	-	Black	Motor case	EB	Pre
Electric tools	Strimmer	180E	0.00	0.00	-	Black	Wire holder	EB	Pre
Electric tools	Strimmer	186A	0.00	0.00	-	Black	Strimmer shield	EB	Pre
Electric tools	Strimmer	186B	0.01	0.00	-	Black	Rotor holder out	EB	Pre
Electric tools	Strimmer	186C	0.00	0.00	-	Black	Rotor holder inner	IF	Pre
Electric tools	Strimmer	186D	0.00	0.00	-	Other	Handle	EB	Pre
Electric tools	Strimmer	186E	10.5	3.40	-	Other	Plug	IO	Pre
Electric tools	Strimmer	186F	0.00	0.00	-	Other	Cable	IO	Pre
Electric tools	Strimmer	187A	0.00	0.00	-	Other	Outer casing	EC	Pre
Electric tools	Strimmer	187B	0.00	0.00	-	Black	Motor casing	MC	Pre
Electric tools	Strimmer	187C	0.00	0.00	-	Black	Rotating barrel	MC	Pre
Electric tools	Strimmer	188A	0.00	0.00	-	Other	Outer casing	EC	Pre
Electric tools	Strimmer	188B	0.08	0.00	-	Black	Motor outer casing	MC	Pre
Electric tools	Strimmer	188C	0.14	0.00	-	Black	Motor outer casing top	MC	Pre
Electric tools	Strimmer	188D	0.00	0.00	-	Black	Cog	G	Pre
Electric tools	Strimmer	188E	0.09	0.00	-	Black	Rotor casing	MC	Pre
Electric tools	Strimmer	188F	0.10	0.00	311	Other	Casing	MC	Pre
Electric tools	Strimmer	189A	0.00	0.00	-	Other	Handle	EC	Pre
Electric tools	Strimmer	189B	0.00	0.00	-	Other	Trigger	IO	Pre
Electric tools	Strimmer	189C	0.00	0.00	-	Other	Screw	MC	Pre
Electric tools	Strimmer	189D	0.00	0.00	-	Other	Handle	EC	Pre
Electric tools	Strimmer	189E	0.02	0.01	-	Other	Rotor casing	MC	Pre
Electric tools	Strimmer	189F	0.04	0.01	90.0	Black	Bottom rotor casing	MC	Pre
Electric tools	Strimmer	189G	0.01	0.00	-	Black	Rotating frame	MC	Pre
Electric tools	Strimmer	201A	0.00	0.00	-	Other	Handle	EB	Post
Electric tools	Strimmer	201B	0.00	0.00	-	Other	Trigger	IO	Post
Electric tools	Strimmer	201C	0.02	0.00	-	Black	Rotor outer frame	MC	Post
Electric tools	Strimmer	201D	0.01	0.00	-	Black	Wire holder	IF	Post



Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Strimmer	201E	0.01	0.01	-	Black	Top motor casing	MC	Post
Electric tools	Strimmer	201F	0.16	0.23	-	Black	Motor bottom casing	MC	Post
Electric tools	Strimmer	201G	0.00	0.00	-	Black	Fan	F	Post
Electric tools	Strimmer	203A	0.00	0.00	-	Black	Handle	EB	Post
Electric tools	Strimmer	203B	0.01	0.00	-	Black	Wheel	EB	Post
Electric tools	Strimmer	203C	0.00	0.00	-	Black	Cap	EB	Post
Electric tools	Strimmer	203D	0.00	0.00	-	Other	Motor casing	MC	Post
Electric tools	Strimmer	203E	0.00	0.00	-	White	Motor cap	MC	Post
Electric tools	Strimmer	203F	0.00	0.00	-	Black	Rotor piece	IF	Post
Electric tools	Strimmer	203G	0.00	0.00	-	Black	Rotor piece	IF	Post
Electric tools	Strimmer	206A	0.00	0.00	-	Other	Rotor cap	EB	Post
Electric tools	Strimmer	206B	0.08	0.01	7.00	Black	Vent cover	EB	Post
Electric tools	Strimmer	206C	0.06	0.01	107	Black	Shield	EB	Post
Electric tools	Strimmer	206D	0.00	0.00		Other	Rotor casing	MC	Post
Electric tools	Strimmer	206E	0.00	0.00		Black	Motor top casing	MC	Post
Electric tools	Strimmer	206F	0.00	0.00		White	Motor bottom casing	MC	Post
Electric tools	Strimmer	206G	0.03	0.00		Black	Fan	F	Post
Electric tools	Strimmer	206H	0.00	0.00		Other	Outer framework	EC	Post
Electric tools	Strimmer	206I	0.00	0.00		White	Structural connector	EB	Post
Electric tools	Strimmer	206J	0.00	0.00		Other	Outer framework	EC	Post
Electric tools	Strimmer	206K	0.00	0.00		Other	Trigger	IO	Post
Electric tools	Strimmer	206L	0.07	0.07		Black	Handle	EC	Post
Electric tools	Strimmer	207A	0.00	0.00		Other	Outside casing	EC	Post
Electric tools	Strimmer	207B	0.00	0.00		Black	Grass shield	EC	Post
Electric tools	Strimmer	207C	0.01	0.01		Black	Motor bottom casing	MC	Post
Electric tools	Strimmer	207D	0.00	0.00		Black	Bottom motor cap	MC	Post
Electric tools	Strimmer	207E	0.01	0.00		Black	Fan	F	Post
Electric tools	Strimmer	207F	0.39	0.29	7.00	Other	Trigger	IO	Post
Electric tools	Strimmer	207G	6.72	2.15	16.0	Black	Inner switch	IO	Post
Electric tools	Strimmer	208A	0.00	0.00		Other	Outer casing	EC	Post
Electric tools	Strimmer	208B	0.00	0.00		Other	Motor outer casing	MC	Post
Electric tools	Strimmer	208C	0.00	0.00		Black	Structural connector	EB	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Strimmer	208D	0.00	0.00	-	White	Inner structural connector	IF	Post
Electric tools	Strimmer	208E	0.00	0.00	-	Black	Blade connector	EB	Post
Electric tools	Strimmer	208F	0.00	0.00	-	Other	Wire cover	EB	Post
Electric tools	Strimmer	208G	0.00	0.00	-	Black	Wire holder	EB	Post
Electric tools	Strimmer	208H	0.00	0.00	-	Black	Motor connector cover	IO	Post
Electric tools	Strimmer	208I	0.00	0.00	-	Other	Switch cover	IO	Post
Electric tools	Strimmer	208J	0.02	0.01	-	Black	Motor shaft cover	MC	Post
Electric tools	Strimmer	208K	0.00	0.00	-	White	Motor cover	MC	Post
Electric tools	Strimmer	208L	0.03	0.02	-	Other	Motor holder	MC	Post
Electric tools	Strimmer	208M	0.01	0.00	-	Other	Motor frame	MC	Post
Electric tools	Strimmer	316A	0.00	0.00	-	Other	Outer casing	EC	Pre
Electric tools	Strimmer	316B	0.00	0.00	-	Other	Switch	IO	Pre
Electric tools	Strimmer	316C	0.00	0.00	-	Black	Handle	EB	Pre
Electric tools	Strimmer	316D	0.00	0.00	-	Other	Knob	EB	Pre
Electric tools	Strimmer	316E	0.02	0.00	-	Black	Spool	EB	Pre
Electric tools	Strimmer	316F	0.00	0.00	-	White	Motor casing	MC	Pre
Electric tools	Strimmer	316G	0.00	0.00	-	Black	Rotor	MC	Pre
Electric tools	Strimmer	316H	0.00	0.00	-	Black	Guard	EB	Pre
Electric tools	Strimmer	317A	0.00	0.00	-	Other	Outer casing	EC	Pre
Electric tools	Strimmer	317B	0.00	0.00	-	Black	Rotating casing	MC	Pre
Electric tools	Strimmer	317C	0.00	0.00	-	Black	Motor housing	MC	Pre
Electric tools	Strimmer	317D	0.00	0.00	-	Black	Cap	EB	Pre
Electric tools	Strimmer	317E	0.00	0.04	-	Black	Guard	EB	Pre
Electric tools	Strimmer	317F	0.00	0.00	-	Other	Spool	EB	Pre
Electric tools	Strimmer	317G	0.07	0.03	-	Black	Connector	IO	Pre
Electric tools	Strimmer	317H	0.00	0.00	-	Other	Connector	IO	Pre
Electric tools	Strimmer	317I	0.00	0.00	-	Other	Button	EB	Pre
Electric tools	Strimmer	323A	0.00	0.00	-	Black	Guard	EB	Post
Electric tools	Strimmer	323B	0.00	0.00	-	Other	Guard clip	EB	Post
Electric tools	Strimmer	323C	0.00	0.00	-	Other	Outer casing	EB	Post
Electric tools	Strimmer	323D	0.00	0.00	-	Other	Button	EB	Post
Electric tools	Strimmer	323E	0.00	0.00	-	Black	Rotating piece	MC	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Electric tools	Strimmer	323F	0.00	0.00	-	Black	Inner rotating piece	MC	Post
Electric tools	Strimmer	323G	0.00	0.00	-	White	Motor housing	MC	Post
Electric tools	Strimmer	323H	0.00	0.00	-	Other	Light casing	EC	Post
Electric tools	Strimmer	323I	0.00	0.00	-	Black	Outer casing	EC	Post
Electric tools	Strimmer	324A	0.01	0.00	-	Black	Rotating piece	EC	Post
Electric tools	Strimmer	324B	0.00	0.00	-	Other	Motor housing	MC	Post
Electric tools	Strimmer	324C	0.00	0.00	-	Other	Outside casing	EC	Post
Electric tools	Tiles saw	191A	0.01	0.00	-	Black	Outer casing top	EC	Pre
Electric tools	Tiles saw	191B	0.00	0.00	-	Other	Red switch	IO	Pre
Electric tools	Tiles saw	191C	0.00	0.00	-	Black	Foot	EB	Pre
Electric tools	Tiles saw	191D	0.00	0.01	-	Other	Switch casing	IO	Pre
Electric tools	Tiles saw	191E	0.01	0.00	-	Black	Top casing	EC	Pre
Electric tools	Tiles saw	191F	0.00	0.00	-	Black	Switch casing	IO	Pre
Electric tools	Tiles saw	337A	0.00	0.00	-	Black	Back casing	EC	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
IT and Telecomm	CD drive	125A	0.00	0.00	-	Other	Fixing	IF	Pre
IT and Telecomm	CD drive	125B	6.88	1.57	55.0	Other	CD tray	IF	Pre
IT and Telecomm	CD drive	125C	2.67	0.18	136	Black	Inner frame	IF	Pre
IT and Telecomm	CD drive	125D	1.07	0.42	89.0	Other	Frame	IF	Pre
IT and Telecomm	CD/DVD drive	127A	0.00	0.00	-	Black	CD tray	IF	Pre
IT and Telecomm	CD/DVD drive	127B	0.00	0.01	-	Other	Frame	IF	Pre
IT and Telecomm	CD/DVD drive	127C	4.51	2.24	-	Black	Pin connector	IO	Pre
IT and Telecomm	CD/DVD drive	127D	0.02	0.01	-	Black	Outer casing	EC	Pre
IT and Telecomm	CD/DVD drive	127E	0.00	0.00	-	Other	Film	IF	Pre
IT and Telecomm	CD/DVD drive	127F	0.00	0.00	-	Other	Fixing	IF	Pre
IT and Telecomm	External hard drive	352A	0.00	0.00	-	Black	Hard drive casing	IO	Pre
IT and Telecomm	External hard drive	352B	6.02	0.00	-	Other	PCB	IO	Pre
IT and Telecomm	External hard drive	352C	0.03	0.00	52.0	Black	Side framework	EB	Pre
IT and Telecomm	External hard drive	352D	0.00	0.00	-	Other	Casing	EC	Pre
IT and Telecomm	External hard drive	352E	4.67	1.37	5.00	Black	Fan	F	Pre
IT and Telecomm	Keyboard	89A	0.01	0.00	-	Black	Key	EB	Post
IT and Telecomm	Keyboard	89B	0.00	0.00	-	Black	Inner frame	IF	Post
IT and Telecomm	Keyboard	89C	0.00	0.00	-	Black	Frame	EB	Post
IT and Telecomm	Keyboard	100A	0.05	0.01	230	Black	Base frame	EC	Post
IT and Telecomm	Keyboard	100B	0.04	0.01	-	Black	Front frame	EC	Post
IT and Telecomm	Keyboard	100C	0.02	0.00	335	Black	Key	EB	Post
IT and Telecomm	Keyboard	100D	0.00	0.01	-	Other	Film	IF	Post
IT and Telecomm	Keyboard	100E	0.04	0.01	49.0	Other	Frame	EB	Post
IT and Telecomm	Keyboard	106A	0.03	0.00	-	Black	Back casing	EC	Post
IT and Telecomm	Keyboard	106B	0.00	0.00	-	Black	Key	EB	Post
IT and Telecomm	Keyboard	106C	0.09	0.02	41.0	Black	Inner frame	IF	Post
IT and Telecomm	Keyboard	111A	0.02	0.01	-	Other	Front frame	EC	Post
IT and Telecomm	Keyboard	111B	0.06	0.01	251	Black	Keys frame	EC	Post
IT and Telecomm	Keyboard	111C	0.01	0.00	-	Black	Key	EB	Post
IT and Telecomm	Keyboard	111D	0.11	0.02	251	Black	Back frame	IF	Post
IT and Telecomm	Keyboard	118A	0.00	0.00	-	White	Back casing	EC	Pre
IT and Telecomm	Keyboard	118B	0.00	0.00	-	White	Key	EB	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
IT and Telecomm	Keyboard	118C	0.00	0.00	-	Other	Keyboard inner	IF	Pre
IT and Telecomm	Keyboard	118D	0.00	0.00	-	White	Outer casing	EC	Pre
IT and Telecomm	Laminator	122A	0.01	0.00	-	White	Front casing	EC	Pre
IT and Telecomm	Laminator	122B	0.01	0.00	-	White	Back casing	EC	Pre
IT and Telecomm	Laptop	99A	0.00	0.00	-	Black	Bottom casing	EC	Post
IT and Telecomm	Laptop	99B	0.00	0.00	-	Black	Keyboard	EB	Post
IT and Telecomm	Laptop	99C	0.00	0.00	-	Black	Front panel	EB	Post
IT and Telecomm	Laptop	99D	0.00	0.00	-	Black	CD player inside	IF	Post
IT and Telecomm	Laptop	99E	0.02	0.02	-	Black	Fan housing	F	Post
IT and Telecomm	Laptop	99F	0.00	0.00	-	Black	Inner framework	IF	Post
IT and Telecomm	Laptop	99G	0.00	0.02	-	Black	Top cover	EC	Post
IT and Telecomm	Laptop	101A	0.00	0.00	-	Black	Bottom casing	EC	Post
IT and Telecomm	Laptop	101B	0.00	0.00	-	Black	Lid	EC	Post
IT and Telecomm	Laptop	101C	8.72	3.47	28.0	Black	Fan	F	Post
IT and Telecomm	Laptop	101D	0.00	0.00	-	Black	Air vent	EB	Post
IT and Telecomm	Laptop	101E	0.11	0.00	97.0	Black	CD player	IF	Post
IT and Telecomm	Laptop	101F	0.02	0.00	-	Black	Key	EB	Post
IT and Telecomm	Laptop	103A	0.07	0.00	173	Black	CD player frame	IF	Post
IT and Telecomm	Laptop	103B	0.00	0.02	-	Other	Outer frame	EC	Post
IT and Telecomm	Laptop	103C	0.00	0.00	-	Black	Vent window	EB	Post
IT and Telecomm	Laptop	103D	0.09	0.00	100	Black	Bottom casing	EB	Post
IT and Telecomm	Laptop	103E	8.57	4.34	23.0	Black	Fan casing	F	Post
IT and Telecomm	Laptop	103F	0.00	0.00	-	Black	Keyboard	EB	Post
IT and Telecomm	Laptop	103G	5.57	1.93	-	Black	Inner frame	IF	Post
IT and Telecomm	Laptop	103H	0.00	0.00	-	Black	Keyboard	EB	Post
IT and Telecomm	Laptop	103L	0.00	0.00	-	White	Outer frame	EC	Post
IT and Telecomm	Laptop	103M	0.00	0.00	-	Other	Lid	EC	Post
IT and Telecomm	Laptop	103N	0.13	0.01	-	Black	Frame	EB	Post
IT and Telecomm	Laptop	103O	0.00	0.00	-	Other	Inner layer	IF	Post
IT and Telecomm	Laptop	108A	0.00	0.00	-	Black	Back frame	EC	Post
IT and Telecomm	Laptop	115A	0.00	0.00	-	Black	Back casing	EC	Pre
IT and Telecomm	Laptop	115B	0.97	0.02	187	Black	Hard drive casing	IO	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
IT and Telecomm	Laptop	115C	9.17	3.93	39.0	Black	Fan	F	Pre
IT and Telecomm	Laptop	115D	0.00	0.00	-	Other	Frame	IF	Pre
IT and Telecomm	Laptop	115E	5.19	2.15	24.0	Black	Fan	F	Pre
IT and Telecomm	Laptop	115F	0.00	0.00	-	Black	Hard drive casing	IO	Pre
IT and Telecomm	Laptop	115G	1.65	0.00	10.7	Black	Mouse pad	EB	Pre
IT and Telecomm	Laptop	115H	0.00	0.00	-	Black	Casing	EC	Pre
IT and Telecomm	Laptop	115I	0.00	0.00	-	White	Inner frame	IF	Pre
IT and Telecomm	Laptop	117A	0.00	0.00	-	Black	Bottom casing	EC	Pre
IT and Telecomm	Laptop	117B	0.47	0.18	39.0	Black	Fan	F	Pre
IT and Telecomm	Laptop	117C	0.00	0.00	-	Black	Inner frame	IF	Pre
IT and Telecomm	Laptop	120A	0.00	0.00	-	Other	Laptop lid	EC	Pre
IT and Telecomm	Laptop	120B	0.00	0.00	-	Other	Inner frame	IF	Pre
IT and Telecomm	Laptop	120C	0.00	0.00	-	White	Inner frame	IF	Pre
IT and Telecomm	Laptop	120D	0.00	0.00	-	White	Inner layer	IF	Pre
IT and Telecomm	Laptop	120E	0.00	0.00	-	Other	Screen cover	EC	Pre
IT and Telecomm	Laptop	120F	0.01	0.00	-	Black	Screen frame	EC	Pre
IT and Telecomm	Laptop	120G	0.00	0.00	-	Other	Layer	IF	Pre
IT and Telecomm	Laptop	120H	0.00	0.00	-	Other	Film layer	IF	Pre
IT and Telecomm	Laptop	120I	0.00	0.01	-	Black	Keys	EB	Pre
IT and Telecomm	Laptop	120J	0.00	0.00	-	Black	Fan	F	Pre
IT and Telecomm	Mouse	112A	0.00	0.00	-	Other	Back frame	EC	Post
IT and Telecomm	Mouse	112B	0.00	0.00	-	Other	Top frame	EB	Post
IT and Telecomm	Mouse	112C	0.00	0.00	-	Other	Outer case	EC	Post
IT and Telecomm	Mouse	112D	0.01	0.00	-	Other	Circuit cover	IO	Post
IT and Telecomm	Mouse	126A	0.00	0.00	-	Black	Outer casing	EC	Pre
IT and Telecomm	Mouse	126B	0.31	0.01	26.0	Black	Base	EC	Pre
IT and Telecomm	Mouse	126C	0.00	0.00	-	Other	Roller	EB	Pre
IT and Telecomm	PC	94A	4.68	2.38	24.0	Black	Fan casing	F	Post
IT and Telecomm	PC	94B	5.31	2.76	32.0	Other	Fan	F	Post
IT and Telecomm	PC	94C	0.00	0.00	-	Other	Inner frame	IF	Post
IT and Telecomm	PC	94D	5.42	2.85	25.0	Black	Fan	F	Post
IT and Telecomm	PC	94E	5.63	2.78	48.0	Black	Fan	F	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
IT and Telecomm	PC	94F	0.00	0.00	-	Black	Frame	IF	Post
IT and Telecomm	PC	94G	0.05	0.01	-	Black	Cable connector	IO	Post
IT and Telecomm	PC	94H	5.05	2.65	-	White	Circuit casing	IO	Post
IT and Telecomm	PC	96A	0.01	0.02	-	Black	DVD/CD player frame	IF	Post
IT and Telecomm	PC	96B	0.00	0.01	-	White	DVD player inner section	IF	Post
IT and Telecomm	PC	96C	0.00	0.01	-	White	DVD player cogs	G	Post
IT and Telecomm	PC	96D	0.00	0.00	-	Black	Heat exchanger frame	IF	Post
IT and Telecomm	PC	96E	6.44	1.60	-	Black	Fan casing	F	Post
IT and Telecomm	PC	96F	5.01	1.80	45.0	Black	Fan	F	Post
IT and Telecomm	PC	96G	5.24	1.93	84.0	Black	Fan	F	Post
IT and Telecomm	PC	96H	4.39	2.04	74.0	Black	Fan	F	Post
IT and Telecomm	PC	96I	0.00	0.01	-	Other	Connector	IO	Post
IT and Telecomm	PC	96L	0.00	0.00	-	Other	Outer casing	EC	Post
IT and Telecomm	PC	96M	0.00	0.00	-	Other	Outer casing	EC	Post
IT and Telecomm	PC	129A	0.02	0.00	-	Black	Fan casing	F	Pre
IT and Telecomm	PC	129B	4.80	2.20	51.0	Black	Fan	F	Pre
IT and Telecomm	PC	129C	0.00	0.00	-	Other	Lock	IF	Pre
IT and Telecomm	PC	129D	0.00	0.01	-	Other	CD drive frame	IF	Pre
IT and Telecomm	PC	130A	0.00	0.00	-	Other	CD drive tray	IF	Pre
IT and Telecomm	PC	130B	0.24	3.62	-	Other	DVD outer panel	EB	Pre
IT and Telecomm	PC	130C	9.55	2.01	-	Other	DVD outer panel	EB	Pre
IT and Telecomm	PC	130D	10.2	3.80	25.0	Other	DVD outer panel	EB	Pre
IT and Telecomm	PC	130E	4.96	2.07	32.0	Black	Fan	F	Pre
IT and Telecomm	PC	130F	4.70	0.45	128	Black	DVD outer panel	EB	Pre
IT and Telecomm	PC	130G	5.74	0.33	64.0	Other	Dvd tray	IF	Pre
IT and Telecomm	PC	130H	0.00	0.20	-	White	Connection cable	IO	Pre
IT and Telecomm	PC	130I	0.00	0.00	-	White	Light casing	EB	Pre
IT and Telecomm	PC	130J	4.86	2.26	13.0	Black	Fan	F	Pre
IT and Telecomm	PC	130K	6.18	2.70	30.0	Black	Fan casing	F	Pre
IT and Telecomm	PC	130L	4.53	2.35	4.00	Black	Connection point	IO	Pre
IT and Telecomm	PC	130M	0.00	0.00	-	Black	Switch	IO	Pre
IT and Telecomm	PC	131A	10.4	3.23	13.0	White	Outer casing	EC	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
IT and Telecomm	PC	131B	4.72	2.32	27.0	Black	Fan casing	F	Pre
IT and Telecomm	PC	131C	4.56	2.01	57.0	Black	Fan	F	Pre
IT and Telecomm	PC	131D	4.52	2.63	52.0	Black	Fan	F	Pre
IT and Telecomm	PC	131E	5.34	3.17	64.0	Black	Fan casing	F	Pre
IT and Telecomm	PC	131F	0.00	0.00	-	White	Cable connector	IO	Pre
IT and Telecomm	PC	131G	0.00	0.00	-	Black	CD player frame	IF	Pre
IT and Telecomm	PC	131H	0.03	0.02	-	White	Cd tray	IF	Pre
IT and Telecomm	PC	131I	4.53	2.06	24.0	Black	Fan casing	F	Pre
IT and Telecomm	PC	131J	5.54	2.55	66.0	Black	Fan	F	Pre
IT and Telecomm	PC	131K	0.03	0.00	-	Black	Cooling system frame	IF	Pre
IT and Telecomm	PC	132A	0.00	0.00	-	Black	Inner fixing	IF	Pre
IT and Telecomm	PC	132B	5.63	2.81	66.0	Black	Fan and casing	F	Pre
IT and Telecomm	PC	132C	0.11	0.17	6.00	Other	Connector	IO	Pre
IT and Telecomm	PC	132D	0.01	0.00	-	Black	CD outer case	EC	Pre
IT and Telecomm	Printer	91A	0.00	0.00	-	White	Outside casing	EC	Post
IT and Telecomm	Printer	91B	0.00	0.01	-	Black	Cartridge	IF	Post
IT and Telecomm	Printer	91C	0.00	0.02	-	Other	Top of cartridge	IF	Post
IT and Telecomm	Printer	91D	0.00	0.00	-	Other	Flap	IF	Post
IT and Telecomm	Printer	91E	0.00	0.00	-	Black	Inner clip	IF	Post
IT and Telecomm	Printer	91F	0.00	0.00	-	Black	Frame	IF	Post
IT and Telecomm	Printer	91G	0.00	0.00	-	White	Roller	RO	Post
IT and Telecomm	Printer	91H	0.00	0.00	-	Other	Roller	RO	Post
IT and Telecomm	Printer	91I	0.00	0.00	-	Other	Frame	IF	Post
IT and Telecomm	Printer	91L	0.00	0.00	-	Other	Outer casing	EC	Post
IT and Telecomm	Printer	91M	0.00	0.00	-	White	Top casing	EC	Post
IT and Telecomm	Printer	92A	0.00	0.00	-	Black	Outer casing	EC	Post
IT and Telecomm	Printer	92B	0.00	0.00	-	Other	Inside outer casing	IF	Post
IT and Telecomm	Printer	92C	0.00	0.00	-	White	Inside outer casing	IF	Post
IT and Telecomm	Printer	107A	0.00	0.00	-	Black	Outer frame	EC	Post
IT and Telecomm	Printer	107B	0.00	0.00	-	White	Inner frame	IF	Post
IT and Telecomm	Printer	107C	0.66	0.00	115	Black	Outer panel	EB	Post
IT and Telecomm	Printer	107D	0.02	0.00	-	Black	Cartridge	IF	Post



Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
IT and Telecomm	Printer	107E	0.00	0.00	-	Black	Inner clip	IF	Post
IT and Telecomm	Printer	109A	0.00	0.00	-	Other	Back frame	EC	Post
IT and Telecomm	Printer	109B	9.16	0.86	-	White	Cable	IO	Post
IT and Telecomm	Printer	109C	0.01	0.01	-	Black	Inner frame	IF	Post
IT and Telecomm	Printer	109D	0.00	0.00	-	Black	Cartridge guide	IF	Post
IT and Telecomm	Printer	109E	0.00	0.00	-	Black	Connector	IO	Post
IT and Telecomm	Printer	109F	0.00	0.00	-	Other	Outer casing	EC	Post
IT and Telecomm	Printer	116A	0.04	0.13	-	Black	Panel	EB	Pre
IT and Telecomm	Printer	116B	0.00	0.00	-	Black	Inside frame	IF	Pre
IT and Telecomm	Printer	116C	0.00	0.00	-	Black	Paper filler frame	IF	Pre
IT and Telecomm	Printer	116D	0.04	0.03	127	Black	Power supply casing	IO	Pre
IT and Telecomm	Printer	116E	0.00	0.00	-	White	Paper roller	MC	Pre
IT and Telecomm	Printer	116F	0.00	0.00	-	Black	Cartridge casing	IF	Pre
IT and Telecomm	Printer	116G	0.00	0.00	-	Black	Inner frame	IF	Pre
IT and Telecomm	Printer	116H	0.00	0.00	-	White	Inner frame	IF	Pre
IT and Telecomm	Printer	116I	0.00	0.00	-	White	Roller frame	MC	Pre
IT and Telecomm	Printer	116J	0.00	0.00	-	White	Cog	G	Pre
IT and Telecomm	Printer	119A	0.00	0.00	-	White	Cartridge casing	IF	Pre
IT and Telecomm	Printer	119B	0.00	0.00	-	Black	Paper tray	EB	Pre
IT and Telecomm	Printer	119C	7.44	1.80	30.0	White	Cartridge frame	IF	Pre
IT and Telecomm	Printer	119D	0.30	0.00	77.0	Black	Control panel	EB	Pre
IT and Telecomm	Printer	119E	0.16	0.00	132	Black	Power supply casing	IO	Pre
IT and Telecomm	Printer	119F	0.00	0.00	-	White	Cartridge frame	IF	Pre
IT and Telecomm	Printer	119G	0.00	0.00	-	White	Inner frame	IF	Pre
IT and Telecomm	Printer	123A	0.00	0.00	-	Black	Outer tray	EC	Pre
IT and Telecomm	Printer	123B	0.00	0.00	-	Black	Cartridge case	IF	Pre
IT and Telecomm	Printer	123C	0.42	0.00	8.00	White	Circuit board frame	IO	Pre
IT and Telecomm	Printer	123D	0.00	0.00	-	Black	Inner frame	IF	Pre
IT and Telecomm	Printer	123E	0.00	0.00	-	Black	Cable tray	IF	Pre
IT and Telecomm	Printer	124A	0.00	0.00	-	Black	Outer casing	EC	Pre
IT and Telecomm	Printer	124B	0.00	0.00	-	Black	Inner frame	IF	Pre
IT and Telecomm	Printer	124C	0.00	0.00	-	Black	Inner frame	IF	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
IT and Telecomm	Printer	124D	0.00	0.00	-	Other	Cog	G	Pre
IT and Telecomm	Printer	124E	0.00	0.00	-	Black	Cartridge casing	IF	Pre
IT and Telecomm	Printer	128A	11.2	2.50	87.0	White	Circuit board door	IO	Pre
IT and Telecomm	Printer	128B	0.00	0.00		Black	Inner fixing	IF	Pre
IT and Telecomm	Printer	128C	5.90	1.19	30.0	Black	Inner fixing	IF	Pre
IT and Telecomm	Printer	128D	5.53	0.83	25.0	Black	Electrical casing	IO	Pre
IT and Telecomm	Printer	128E	5.40	0.81	5.00	Black	Electrical casing	IO	Pre
IT and Telecomm	Programmer	402A	0.00	0.00	-	Other	Screen cover	EB	Pre
IT and Telecomm	Projector	105A	0.00	0.00	-	Black	Outer casing	EC	Post
IT and Telecomm	Projector	105B	4.63	1.77	61.0	Black	Fan	F	Post
IT and Telecomm	Projector	105C	0.00	0.00	-	Other	Lens casing	IF	Post
IT and Telecomm	Projector	105D	0.00	0.35	-	Black	Circuit board casing	IO	Post
IT and Telecomm	Projector	105E	0.01	0.00	-	Black	Outside panel	EB	Post
IT and Telecomm	Projector	105F	0.00	0.00	-	Other	Bulb frame	IO	Post
IT and Telecomm	Projector	455A	0.00	0.00	-	Black	Fan housing	F	Post
IT and Telecomm	Projector	455B	0.55	0.00	230	White	Upper casing	EC	Post
IT and Telecomm	Projector	455C	4.04	0.00	15.0	Black	Fan casing	F	Post
IT and Telecomm	Projector	455D	5.65	1.17	15.0	Black	Fan	F	Post
IT and Telecomm	Projector	455E	0.00	2.04	-	Black	Inner framework	IF	Post
IT and Telecomm	Projector	455F	5.73	0.00	-	Black	Fan housing	F	Post
IT and Telecomm	Projector	455G	5.76	2.36	85.0	Black	Fan	F	Post
IT and Telecomm	Projector	455H	5.26	2.87	-	Black	Fan housing	F	Post
IT and Telecomm	Projector	455I	5.50	2.20	97.0	Black	Fan	F	Post
IT and Telecomm	Projector	455J	0.00	2.60	-	White	Button framework	EB	Post
IT and Telecomm	Projector	455K	0.04	0.00	107	Black	Lens housing	IF	Post
IT and Telecomm	Projector	455L	0.00	0.02	-	Black	Socket framework	IO	Post
IT and Telecomm	Projector	455M	0.00	0.00	-	White	Bulb connector	IO	Post
IT and Telecomm	Projector	455N	0.00	0.00	-	Other	Bulb housing	IO	Post
IT and Telecomm	Projector	455O	0.13	0.00	3.00	Black	Inner framework	IF	Post
IT and Telecomm	Projector	455P	0.00	0.00	-	White	Bottom casing	EC	Post
IT and Telecomm	Projector (Overhead)	408A	0.00	0.01	-	Other	Outer casing	EC	Pre
IT and Telecomm	Projector (Overhead)	408B	0.00	0.00	-	Other	Transformer casing	IO	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
IT and Telecomm	Projector (Overhead)	408C	0.00	0.00	-	Black	Switch	IO	Pre
IT and Telecomm	Projector (Overhead)	408D	0.00	0.00	-	Black	Transformer structure	IO	Pre
IT and Telecomm	Projector (Overhead)	408E	0.00	0.00	-	Black	Clip	IF	Pre
IT and Telecomm	Projector (Overhead)	408F	0.00	0.00	-	Black	Selector slide	IF	Pre
IT and Telecomm	Projector (Overhead)	408G	6.31	3.22	4.00	Black	Fan casing	F	Pre
IT and Telecomm	Projector (Overhead)	408H	6.15	4.27	-	Black	Fan	F	Pre
IT and Telecomm	Projector (Overhead)	408I	0.00	0.00	-	Black	Hinge	IF	Pre
IT and Telecomm	Projector (Overhead)	408J	0.00	0.00	-	Black	Power bracket	IO	Pre
IT and Telecomm	Projector (Overhead)	408K	0.11	0.04	150	Black	Lens cover	IF	Pre
IT and Telecomm	Projector (Overhead)	408L	0.01	0.00	-	Other	Base	EB	Pre
IT and Telecomm	Radio	104A	0.00	0.01	-	Other	Front casing	EC	Post
IT and Telecomm	Radio	104B	0.00	0.00	-	Other	Bottom casing	EC	Post
IT and Telecomm	Radio	104C	0.00	0.01	-	Other	Back casing	EC	Post
IT and Telecomm	Router	97A	0.00	0.00	-	White	Outer casing	EC	Post
IT and Telecomm	Router	97B	0.00	0.00	-	Black	Hard drive	IO	Post
IT and Telecomm	Router	97C	0.00	0.00	-	Black	Fan	F	Post
IT and Telecomm	Router	97D	0.00	0.00	-	Other	Inner frame	IF	Post
IT and Telecomm	Telephone	93A	0.00	0.00	-	Black	Base	EC	Post
IT and Telecomm	Telephone	93B	0.00	0.00	-	Black	Key	EB	Post
IT and Telecomm	Telephone	93C	0.01	0.00	-	Black	Connector	IO	Post
IT and Telecomm	Telephone	93E	0.00	0.00	-	Other	Key	EB	Post
IT and Telecomm	Telephone	93F	0.00	0.00	-	Other	Receiver key	EB	Post
IT and Telecomm	Telephone	113A	0.00	0.01	-	Other	Back case	EC	Pre
IT and Telecomm	Telephone	113B	0.00	0.01	-	Other	Electronics cover	IO	Pre
IT and Telecomm	Telephone	113C	0.00	0.00	-	Other	Front case	EC	Pre
IT and Telecomm	Telephone	113D	0.00	0.00	-	Other	Receiver button	EB	Pre
IT and Telecomm	Telephone	113E	0.00	0.00	-	Other	Dialling switch	EB	Pre
IT and Telecomm	Telephone	114A	0.00	0.00	-	White	Outer casing	EC	Pre
IT and Telecomm	Telephone	114B	0.07	0.00	174	White	Base casing	EC	Pre
IT and Telecomm	Telephone	114C	0.08	0.02	12.0	Black	Beeper casing	EB	Pre
IT and Telecomm	Telephone	114D	0.00	0.00	-	Black	Button	EB	Pre
IT and Telecomm	Telephone	338A	0.01	0.00	-	Other	Outside casing	EC	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
IT and Telecomm	Telephone	338B	0.00	0.00	-	Other	Address cover	EB	Pre
IT and Telecomm	Telephone	338C	0.00	0.00	-	Black	Speaker	EB	Pre
IT and Telecomm	Telephone	338D	0.00	0.00	-	Black	Speaker casing	EB	Pre
IT and Telecomm	Telephone	338E	0.00	0.00	-	Black	Button	EB	Pre
IT and Telecomm	Telephone	338F	0.00	0.00	-	Other	Button	EB	Pre
IT and Telecomm	Telephone	342A	0.01	0.00	-	Black	Outer casing	EC	Pre
IT and Telecomm	Telephone	342B	0.00	0.00	-	Other	Outer casing	EC	Pre
IT and Telecomm	Telephone	342C	0.00	0.00	-	Other	Screen casing	EB	Pre
IT and Telecomm	Telephone	342D	0.00	0.00	-	Other	Button	EB	Pre
IT and Telecomm	Telephone	342E	0.04	0.00	1.00	Other	Light casing	EB	Pre
IT and Telecomm	Telephone	363A	0.00	0.00	-	Other	Case	EC	Post
IT and Telecomm	Telephone	363B	0.00	0.00	-	Other	Screen	EB	Post
IT and Telecomm	Telephone	363C	0.03	0.01	3.00	Other	Connector port	IO	Post
IT and Telecomm	Telephone	363D	0.31	0.00	0.30	Other	Switch box	IO	Post
IT and Telecomm	Telephone	363E	0.50	0.00	0.30	White	Switch	IO	Post
IT and Telecomm	Telephone	364A	0.05	0.00	-	Other	Case	EC	Post
IT and Telecomm	Telephone	364B	0.00	0.00	-	Other	Screen cover	EB	Post
IT and Telecomm	Telephone	364C	0.23	0.00	-	Other	Outer casing	EC	Post
IT and Telecomm	Telephone	364D	0.88	0.03	-	Other	Inner frame	IF	Post
IT and Telecomm	Telephone	364E	0.11	0.03	8.00	Black	Back casing	IF	Post
IT and Telecomm	Telephone	364F	0.00	0.00	-	Black	Battery cover	IF	Post
IT and Telecomm	Telephone	365A	0.00	0.00	-	Black	Black outer casing	EC	Post
IT and Telecomm	Telephone	365B	0.00	0.00	-	Other	Outer casing	EC	Post
IT and Telecomm	Telephone	365C	0.00	0.00	-	Other	Screen	EB	Post
IT and Telecomm	Telephone	365D	0.18	0.18	1.00	Black	Speaker	EB	Post
IT and Telecomm	Telephone	365E	0.01	0.00	-	Black	Microphone	EB	Post
IT and Telecomm	Voice machine	121A	0.01	0.01	-	White	Top casing	EC	Pre
IT and Telecomm	Voice machine	121B	0.04	0.00	100	White	Back casing	EC	Pre
IT and Telecomm	Voice machine	121C	0.00	0.01	-	Other	Cable connector	IO	Pre
IT and Telecomm	Voice machine	121D	0.03	0.00	-	Other	Button	EB	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component Description	Component Cat.	Pre or post 2005
Lighting	Bulb housing	216A	0.14	0.01	13.0	White	Bulb outer housing	IO	Pre
Lighting	Bulb housing	216B	0.57	0.15	17.0	Black	Bulb inner framework	IO	Pre
Lighting	Bulb housing	221A	0.00	0.01	-	White	Bulb housing	IO	Pre
Lighting	Bulb housing	225A	0.00	0.02	-	White	Bulb housing	IO	Pre
Lighting	Bulb housing	275A	6.01	2.47	37.0	White	Bulb housing	IO	Post
Lighting	Extraction hood	213A	0.25	0.00	40.0	Other	Cable box	IO	Pre
Lighting	Extraction hood	213B	20.5	2.02	7.40	White	Cable junction box	IO	Pre
Lighting	Extraction hood	213C	0.32	0.07	-	Black	Control unit box	IO	Pre
Lighting	Extraction hood	213D	0.11	0.00	-	Black	Bulb power unit box	IO	Pre
Lighting	Fairy lights	245A	1.54	0.41	-	Other	Bulb holder	IO	Pre
Lighting	Fairy lights	255A	1.90	0.78	-	Other	Bulb holders	IO	Pre
Lighting	Fluorescent lamp	247A	0.40	0.00	-	White	Control unit box	IO	Pre
Lighting	Fluorescent lamp	247B	8.57	0.61	-	White	Unknown	IO	Pre
Lighting	Fluorescent lamp	247C	7.23	1.98	9.00	Black	Mains connector	IO	Pre
Lighting	Fluorescent lamp	266A	0.00	0.00	-	Black	Frame fixtures	IF	Pre
Lighting	Fluorescent lamp	266B	0.00	0.00	-	White	Frame fixtures	IF	Pre
Lighting	Halogen security light	401A	0.00	0.00	-	Black	Outer casing	EC	Pre
Lighting	Halogen security light	401B	0.00	0.00	-	Black	Inner casing	IF	Pre
Lighting	Halogen security light	401D	0.00	0.00	-	Other	Light casing	EB	Pre
Lighting	Halogen security light	401E	0.00	0.00	-	White	Biscuit connector	IO	Pre
Lighting	Halogen security light	401F	0.00	0.00	-	Black	Electric cover	IO	Pre
Lighting	Lamp	214A	0.00	0.00	-	White	Connector	IO	Pre
Lighting	Lamp	214B	5.97	2.43	4.00	Black	Framework	IF	Pre
Lighting	Lamp	215A	0.00	0.00	-	White	Bulb holder	IO	Pre
Lighting	Lamp	215B	0.00	0.00	-	Other	Bulb inner framework	IO	Pre
Lighting	Lamp	217A	0.00	0.00	-	Black	Framework	IF	Pre
Lighting	Lamp	217B	0.00	0.00	-	White	Cable connector	IO	Pre
Lighting	Lamp	218A	0.00	0.00	-	Black	Connection joint for metal framework	IF	Pre
Lighting	Lamp	219A	5.32	3.77	6.00	Black	Bulb holder	IO	Pre
Lighting	Lamp	219B	5.07	3.79	6.00	Other	Bulb holder back piece	IO	Pre
Lighting	Lamp	220A	0.00	0.00	-	Black	Bulb housing	IO	Pre
Lighting	Lamp	222A	0.00	0.00	-	White	Control unit box	IO	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component Description	Component Cat.	Pre or post 2005
Lighting	Lamp	223A	0.00	0.00	-	Black	Switch box	IO	Pre
Lighting	Lamp	226A	0.00	0.00	-	Black	Base unit	EC	Pre
Lighting	Lamp	228A	4.11	1.05	-	Black	Blub holder	IO	Pre
Lighting	Lamp	228B	0.00	0.00	-	Black	Base unit	EC	Pre
Lighting	Lamp	228C	6.06	1.45	-	Black	Switch box	IO	Pre
Lighting	Lamp	229A	0.00	0.00	-	White	Framework connector	IF	Pre
Lighting	Lamp	229B	0.00	0.00	-	White	Fixing	IF	Pre
Lighting	Lamp	229C	0.00	0.00	-	Black	Switch	IO	Pre
Lighting	Lamp	230A	0.00	0.00	-	White	Base unit	EC	Pre
Lighting	Lamp	231A	0.00	0.01	-	White	Blub framework	IO	Pre
Lighting	Lamp	231B	0.00	0.00	-	Black	Blub housing	IO	Pre
Lighting	Lamp	231C	1.16	0.39	-	White	Base unit	EC	Pre
Lighting	Lamp	233A	0.02	0.02	4.00	Black	Bottom foam	FO	Pre
Lighting	Lamp	233B	0.00	0.00	-	Other	Bulb housing	IO	Pre
Lighting	Lamp	233C	0.00	0.00	-	Black	Base unit	FC	Pre
Lighting	Lamp	234A	0.18	0.36	36.0	Black	Touch switch box	IO	Pre
Lighting	Lamp	234B	0.00	0.00	-	Black	Bulb housing	IO	Pre
Lighting	Lamp	234C	1.70	0.29	10.0	Black	Casing	IO	Pre
Lighting	Lamp	234D	0.03	0.00	3.00	Black	Felt	FO	Pre
Lighting	Lamp	236A	0.00	0.00	-	Black	Inner fixing	IF	Pre
Lighting	Lamp	236B	0.00	0.00	-	White	Inner fixing	IF	Pre
Lighting	Lamp	237A	0.00	0.00	23.0	Black	Connector	IO	Pre
Lighting	Lamp	237B	0.00	0.00	-	Black	Side plate	IF	Pre
Lighting	Lamp	238A	2.54	0.86	38.0	Black	Bulb housing	IO	Pre
Lighting	Lamp	238B	0.00	0.00	-	Black	Switch	IO	Pre
Lighting	Lamp	240A	5.59	3.21	47.0	White	Bulb housing	IO	Pre
Lighting	Lamp	240B	0.01	0.00	-	White	Bulb holder	IO	Pre
Lighting	Lamp	241A	0.01	0.00	6.00	Black	Base	EC	Pre
Lighting	Lamp	241B	0.00	0.01	-	White	Switch	IO	Pre
Lighting	Lamp	242A	0.00	0.00	-	White	Bulb holder	IO	Pre
Lighting	Lamp	242B	0.00	0.00	-	Black	Inner framework	IF	Pre
Lighting	Lamp	249A	0.00	0.00	-	Other	Plug	IO	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component Description	Component Cat.	Pre or post 2005
Lighting	Lamp	249B	0.00	0.00	-	White	Outer bulb housing	IO	Pre
Lighting	Lamp	249C	0.00	0.00	-	Black	Inner bulb housing	IO	Pre
Lighting	Lamp	250A	6.81	1.57	77.0	White	Large unit	EC	Pre
Lighting	Lamp	250B	0.00	0.00	-	White	Switch	IO	Pre
Lighting	Lamp	250C	0.00	0.00	-	Other	Base inner housing	IF	Pre
Lighting	Lamp	252A	0.00	0.00	-	Black	Base stand lamp	EC	Pre
Lighting	Lamp	257A	6.00	0.00	-	Black	Bulb connector	IO	Pre
Lighting	Lamp	258A	8.40	0.77	26.0	Black	Bulb connector	IO	Pre
Lighting	Lamp	259A	5.26	2.03	21.0	White	Bulb holder	IO	Pre
Lighting	Lamp	259B	0.00	0.00	-	White	Bulb holder outer	IO	Pre
Lighting	Lamp	259C	0.00	0.00	-	White	Stand hinge	EC	Pre
Lighting	Lamp	259D	0.00	0.00	-	Other	Cable inert	IO	Pre
Lighting	Lamp	259E	12.1	3.36	14.0	Black	Cable Connector	IO	Pre
Lighting	Lamp	260A	0.00	0.00	-	White	Frame	EC	Pre
Lighting	Lamp	260B	0.00	0.00	-	White	Switch	IO	Pre
Lighting	Lamp	260C	0.00	0.00	-	White	Clamp	IF	Pre
Lighting	Lamp	260D	0.17	0.09	11.0	White	Bulb outer housing	IO	Pre
Lighting	Lamp	260E	0.04	0.01	26.0	Black	Bulb fitting	IO	Pre
Lighting	Lamp	260F	0.00	0.00	-	Other			Pre
Lighting	Lamp	260G	0.00	0.00	-	Other	Plastic screw covers	EB	Pre
Lighting	Lamp	261A	0.03	0.02	-	Black	Bulb Holder	IF	Pre
Lighting	Lamp	262A	0.00	0.00	-	White	Base	EC	Pre
Lighting	Lamp	262B	0.00	0.00	-	Other	Inner framework	IF	Pre
Lighting	Lamp	262C	0.00	0.01	-	White	Outer bulb housing	IO	Pre
Lighting	Lamp	262D	0.17	0.07	17.0	Black	Bulb Housing	IO	Pre
Lighting	Lamp	262E	0.00	0.00	-	White	Bulb holding	IO	Pre
Lighting	Lamp	262F	0.01	0.00	-	Black	Cable Connector	IO	Pre
Lighting	Lamp	263A	0.65	0.47	10.0	Other	Tube holder	IO	Pre
Lighting	Lamp	263B	0.00	0.00	-	Other	White capacitor housing	IO	Pre
Lighting	Lamp	263C	0.41	0.01	5.00	White	Capacitor	IO	Pre
Lighting	Lamp	263D	0.00	0.00	-	White	Capacitor Holder	IO	Pre
Lighting	Lamp	264A	0.40	0.27	-	Black	Switch	IO	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component Description	Component Cat.	Pre or post 2005
Lighting	Lamp	265A	0.00	0.01	-	Other	Switch	IO	Pre
Lighting	Lamp	265B	0.02	0.00	-	Black	Cable Holder	IO	Pre
Lighting	Lamp	267A	4.46	1.00	-	White	Fixing	IF	Post
Lighting	Lamp	267B	0.03	0.00	-	Black	Switch	IO	Post
Lighting	Lamp	268A	0.00	0.00	-	Black	Base	EC	Post
Lighting	Lamp	272A	0.00	0.00	-	Black	Base covering (foam)	FO	Post
Lighting	Lamp	273A	0.00	0.00	-	White	Bulb holder	IO	Post
Lighting	Lamp	273B	0.00	0.00	-	White	Cable junction box	IO	Post
Lighting	Lamp	276A	0.00	0.00	-	Black	Stand	EC	Post
Lighting	Lamp	277A	8.32	2.37	27.0	Black	Touch sensor box	IO	Post
Lighting	Lamp	277B	3.97	0.96	-	White	Bulb fixture	IO	Post
Lighting	Lamp	277C	0.12	0.34	22.0	White	Bulb fixture	IO	Post
Lighting	Lamp	278A	0.00	0.00	-	Black	Battery cover	EC	Post
Lighting	Lamp	278B	0.00	0.02	-	Black	Switch cover housing	IO	Post
Lighting	Lamp	278C	0.00	0.00	-	Black	Mid-section housing	EC	Post
Lighting	Lamp	278D	0.00	0.00	-	Other	White light casing	EB	Post
Lighting	Lamp	278E	0.00	0.00	-	Other	Orange light casing	EB	Post
Lighting	Lamp	280A	0.60	0.07	24.0	Black	Touch sensor box	IO	Post
Lighting	Lamp	280B	0.00	0.00	-	Black	Base holder	EC	Post
Lighting	Lamp	282A	0.55	0.01	27.0	Black	Touch sensor box	IO	Post
Lighting	Lamp	282B	0.01	0.00	-	Black	Base	EC	Post
Lighting	Lamp	283A	0.01	0.00	-	Other	Fixing	IF	Post
Lighting	Lamp	283B	8.39	2.26	26.0	Black	Electronic control box	IO	Post
Lighting	Lamp	283C	0.00	0.00	-	Other	Switch box front	IO	Post
Lighting	Lamp	283D	0.00	0.00	-	Black	Switch box back	IO	Post
Lighting	Lamp	283E	0.00	0.00	-	Black	Switch box	IO	Post
Lighting	Lamp	283F	0.00	0.00	-	White	Cable box	IO	Post
Lighting	Lamp	355A	0.00	0.00	-	Black	Base	EB	Post
Lighting	Lamp	355B	0.00	0.00	-	Black	Base cover	EB	Post
Lighting	Lamp	355C	0.00	0.00	-	White	Cover	EB	Post
Lighting	Lamp	436A	0.00	0.00	-	Black	Black handle	EB	Pre
Lighting	Lamp	436B	0.00	0.00	-	Black	Light bulb connector	IO	Pre



Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component Description	Component Cat.	Pre or post 2005
Lighting	Lamp (Ceiling fan)	284A	0.00	0.00	-	Other	Celling mount cover	EC	Post
Lighting	Lamp (Ceiling fan)	284B	0.00	0.00	-	White	Lamp housing	IO	Post
Lighting	Lamp (Ceiling fan)	287A	0.00	0.00	-	White	Fixing	EB	Post
Lighting	Lamp (Ceiling fan)	287B	0.00	0.00	-	White	Cable connector	IO	Post
Lighting	Lamp (Ceiling fan)	287C	0.00	0.00	-	Other	Cable holder	IO	Post
Lighting	Lamp (Ceiling fan)	287D	4.01	0.16	35.0	Black	Control box inside fan unit	IO	Post
Lighting	Lamp (Ceiling fan)	287E	0.00	0.00	-	Black	Pull cord switch	EB	Post
Lighting	Lamp (Ceiling fan)	287F	0.00	0.00	-	Other	Pull cord switch	EB	Post
Lighting	Lamp (Ceiling fan)	287G	0.10	0.02	10.0	Black	Switch	IO	Post
Lighting	Lamp (Ceiling fan)	287H	0.00	0.00	-	White	Copper wire holdings	IO	Post
Lighting	Lamp (Ceiling)	224A	0.12	0.02	3.00	Black	Cable holder	IO	Pre
Lighting	Lamp (Ceiling)	224B	0.00	0.00	-	White	Biscuit connector	IO	Pre
Lighting	Lamp (Ceiling)	224C	0.07	0.01	21.0	Black	Base unit	EC	Pre
Lighting	Lamp (Ceiling)	224D	0.00	0.03	-	Other	Bulb casing	IO	Pre
Lighting	Lamp (Ceiling)	224E	0.00	0.00	-	Black	Bulb holder	IO	Pre
Lighting	Lamp (Ceiling)	224F	0.00	0.00	-	White	Bulb holder	IO	Pre
Lighting	Lamp (Ceiling)	239A	0.01	0.00	-	White	End bulb	IO	Pre
Lighting	Lamp (Ceiling)	239B	0.00	0.00	-	White	Biscuit connector	IO	Pre
Lighting	Lamp (Ceiling)	239C	0.00	0.00	-	White	Bulb housing	IO	Pre
Lighting	Lamp (Ceiling)	239D	14.7	2.58	9.00	White	Pins	IO	Pre
Lighting	Lamp (Ceiling)	244A	0.00	0.01	3.00	White	Bulb holder	IO	Pre
Lighting	Lamp (Ceiling)	244B	0.73	0.25	28.0	Black	Touch switch box	IO	Pre
Lighting	Lamp (Ceiling)	244C	0.00	0.00	-	Other	Spacer	IF	Pre
Lighting	Lamp (Ceiling)	244D	0.02	0.01	1.00	Black	Clip	IF	Pre
Lighting	Lamp (Ceiling)	248A	6.88	0.02	23.0	White	Bulb fittings	IO	Pre
Lighting	Lamp (Ceiling)	248B	0.00	0.00	-	White	Biscuit connector	IO	Pre
Lighting	Lamp (Ceiling)	251A	3.70	1.48	30.0	White	Bulb fittings x 3	IO	Pre
Lighting	Lamp (Ceiling)	253A	0.00	0.00	-	Black	Bulb holder	IO	Pre
Lighting	Lamp (Ceiling)	253B	0.11	0.16	17.0	Black	Fitting	IF	Pre
Lighting	Lamp (Ceiling)	256A	0.00	0.00	-	White	connectors	IO	Pre
Lighting	Lamp (Ceiling)	270A	0.04	0.06	64.0	White	Bulb outer casing	IO	Post
Lighting	Lamp (Ceiling)	270B	0.00	0.00	-	White	Lamp shade	EB	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component Description	Component Cat.	Pre or post 2005
Lighting	Lamp (Ceiling)	270C	0.00	0.00	-	White	Ceiling bracket	EB	Post
Lighting	Lamp (Ceiling)	270D	0.00	0.00	-	Other	Inner bracket	IF	Post
Lighting	Lamp (Ceiling)	270E	7.24	0.01	17.0	White	Bulb housing	IO	Post
Lighting	Lamp (Ceiling)	270F	0.00	0.00	-	White	Ceiling mount cover	EB	Post
Lighting	Lamp (Ceiling)	271A	0.79	0.44	332	White	Electronic transformer	IO	Post
Lighting	Lamp (Ceiling)	274A	0.01	0.00	-	White	Bulb housing	IO	Post
Lighting	Lamp (Ceiling)	274B	0.01	0.00	-	White	Cable clip	IF	Post
Lighting	Lamp (Ceiling)	274C	0.00	0.00	-	Other	Cable clip	IF	Post
Lighting	Lamp (Ceiling)	274D	0.00	0.00	-	Other	Cable clip	IF	Post
Lighting	Lamp (Ceiling)	279A	0.00	0.00	-	White	Lamp shade	EB	Post
Lighting	Lamp (Ceiling)	279B	0.00	0.00	-	White	Ceiling mount cover	EB	Post
Lighting	Lamp (Ceiling)	279C	0.00	0.00	-	White	Cable holder	IO	Post
Lighting	Lamp (Ceiling)	279D	0.00	0.00	-	White	Cable clip	IF	Post
Lighting	Lamp (Ceiling)	279E	7.69	0.02	18.0	White	Bulb holder	IO	Post
Lighting	Lamp (Ceiling)	279F	0.00	0.00	-	Other	Bulb holder fixture	IF	Post
Lighting	Lamp (Ceiling)	281A	0.00	0.00	-	Other	Bulb holder	IO	Post
Lighting	Lamp (Ceiling)	281b	0.00	0.00	-	White	Cable box	IO	Post
Lighting	Lamp (Ceiling)	281C	0.00	0.00	-	White	Capacitor holder	IO	Post
Lighting	Lamp (Desk)	243A	0.00	0.00	-	Black	Base	EC	Pre
Lighting	Lamp (Desk)	243B	0.01	0.00	-	Other	Screw cover	IF	Pre
Lighting	Lamp (Desk)	243C	0.03	0.01	-	White	Bulb fitting	IO	Pre
Lighting	Lamp (Desk)	246A	0.01	0.00	-	White	Spacer	IF	Pre
Lighting	Lamp (Desk)	246B	0.00	0.00	-	Black	Outer bulb housing	IO	Pre
Lighting	Lamp (Desk)	246C	0.00	0.00	-	Black	Bulb housing	IO	Pre
Lighting	Lamp (Desk)	246D	0.00	0.01	-	Black	Plug	IO	Pre
Lighting	Lamp (Desk)	246E	0.00	0.02	-	Black	Bulb holder	IO	Pre
Lighting	Lamp (Desk)	254A	0.01	0.01	14.0	Black	Switch	IO	Pre
Lighting	Lamp (Desk)	269A	0.00	0.00	-	Black	Bulb housing	IO	Post
Lighting	Lamp (Desk)	269B	0.00	0.00	-	Black	Base	EC	Post
Lighting	Lamp (Outdoor)	453A	0.03	0.00	46.0	Black	Bulb casing	IO	Post
Lighting	Lamp (Outdoor)	453B	0.00	0.00	-	Other	Clear casing	EB	Post
Lighting	Lamp (Outdoor)	454C	4.29	0.93	11.0	Black	Bulb holder	IO	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component Description	Component Cat.	Pre or post 2005
Lighting	Lamp (Outdoor)	454D	0.00	0.00	-	White	Biscuit connector	IO	Post
Lighting	Lamp (Outdoor)	454E	0.02	0.00	250	Black	Outside casing	EC	Post
Lighting	Lamp (Outdoor)	454F	0.00	0.00	-	Black	Inner fixture	IF	Post
Lighting	Lamp (Tube)	227A	0.00	0.00	-	White	Starter motor	IO	Pre
Lighting	Lamp (Tube)	227B	0.00	0.00	-	White	Cable junction box	IO	Pre
Lighting	Lamp (Tube)	235A	0.00	0.00	-	White	Tube housing	IF	Pre
Lighting	Lamp (Tube)	235B	0.27	0.00	41.0	Black	Cable connectors	IO	Pre
Lighting	LED light panel	285A	0.62	0.00	63.0	Other	Front panel	EB	Post
Lighting	LED light panel	285B	0.00	0.00	-	Black	Back panel	EC	Post
Lighting	LED light panel	285C	0.00	0.00	-	Black	Side panels	EB	Post
Lighting	LED light panel	286A	0.01	0.00	-	Black	Control box case	IO	Post
Lighting	LED light panel	286B	0.00	0.00	-	White	Cable housing	IO	Post
Lighting	LED light panel	286C	0.00	0.00	-	Black	Foam grip	FO	Post
Lighting	LED light panel	286D	0.00	0.00	-	Black	Back case	EC	Post
Lighting	Torch	288A	0.01	0.00	-	Black	Outer casing	EC	Post
Lighting	Torch	288B	0.00	0.00	-	Black	Outer casing	EC	Post
Lighting	Torch	288C	0.00	0.00	-	Other	Outer casing	EC	Post
Lighting	Torch	288D	0.00	0.01	-	Black	Battery housing	EC	Post
Lighting	Torch	288E	0.00	0.00	-	Black	Internal framework	IF	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component Description	Component Cat.	Pre or post 2005
Medical app	Pressure relief	430A	7.74	3.88	600	Other	Outer casing	EC	Post
Medical app	Pressure relief	430B	7.46	3.77	-	Other	Inner structure of outer casing	IF	Post
Medical app	Pressure relief	430C	0.00	0.00	-	Other	Internal component	IO	Post
Medical app	Pressure relief	430D	0.00	0.00	-	White	Pipe connector	IF	Post
Medical app	Pressure relief	430E	3.95	2.13	76.0	Other	Front panel	EB	Post
Medical app	Pressure relief	430F	0.00	0.00	-	Other	Pump casing	MC	Post
Medical app	Pressure relief	430G	9.91	4.16	21.0	Black	Bracket	IF	Post
Medical app	Pressure relief	430H	0.00	0.00	-	Other	Pump	MC	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Toys	2 wheel balancing vehicle	351A	0.02	0.00	-	Black	Gyro casing	IO	Pre
Toys	2 wheel balancing vehicle	351B	0.02	0.00	-	Other	Outer casing	EC	Pre
Toys	2 wheel balancing vehicle	351C	0.01	0.00	-	Black	Inner fixing	IF	Pre
Toys	2 wheel balancing vehicle	351D	0.02	0.00	-	Black	PCB protector	IO	Pre
Toys	Baby driver	361A	0.00	0.00	-	Black	Casing	EC	Post
Toys	Baby driver	361B	0.00	0.00	-	Other	Casing	EC	Post
Toys	Baby driver	361C	0.00	0.00	-	Other	Gear stick	EB	Post
Toys	Baby driver	361D	0.00	0.00	-	Other	Switch	IO	Post
Toys	Baby driver	361E	0.00	0.00	-	Other	Casing	EC	Post
Toys	Baby driver	361F	0.01	0.00	-	Other	Traffic lights	EB	Post
Toys	Baby driver	361G	0.01	0.00	-	Other	Traffic lights	EB	Post
Toys	Baby driver	361H	0.00	0.00	-	Other	Traffic lights	EB	Post
Toys	Baby driver	361I	0.00	0.00	-	Black	Speaker	EB	Post
Toys	Car	384A	0.00	0.00	-	Other	Framework	IF	Pre
Toys	Car	384B	0.01	0.00	-	Black	Tire	EB	Pre
Toys	Car	384C	0.00	0.00	-	Other	Wheel alloy	EB	Pre
Toys	Car	384D	0.00	0.00	-	White	Motor housing	IO	Pre
Toys	Car	384E	0.00	0.00	-	Other	Cog	G	Pre
Toys	Car	384F	0.01	0.00	-	Black	Base framework	EC	Pre
Toys	Car	384G	0.01	0.01	-	Black	Battery cover	EB	Pre
Toys	Car	384H	0.00	0.00	-	Black	Steering wheel fixture	EB	Pre
Toys	Car	384I	0.04	0.01	22.0	Black	Switch	IO	Pre
Toys	Car	384J	0.01	0.00	-	Black	Switch box	IO	Pre
Toys	Car	384K	3.16	0.61	94.0	Black	PCB housing	IO	Pre
Toys	Dinosaur	362A	0.00	0.00	-	White	Outer Casing	EC	Post
Toys	Dinosaur	362B	0.00	0.00	-	Black	Button	EB	Post
Toys	Dinosaur	362C	0.02	0.01	-	Black	Inner framework	IF	Post
Toys	Dinosaur	362D	0.00	0.00	-	White	Battery inner frame	IF	Post
Toys	Dinosaur	362E	0.00	0.00	-	Other	Inner framework	IF	Post
Toys	Ear thermometer	390A	0.00	0.07	-	White	Back cover	EC	Post
Toys	Ear thermometer	390B	0.00	0.00	-	Other	Front screen	EB	Post
Toys	Ear thermometer	390C	0.00	0.00	-	Other	Nozzle	EC	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Toys	Gaming pedals	368A	0.00	0.00	-	Black	Outer casing	EC	Post
Toys	Gaming pedals	368B	0.01	0.01	-	Black	Pedal	EC	Post
Toys	Gaming pedals	368C	0.00	0.01	-	Black	Base	EC	Post
Toys	Gaming steering wheel	357A	0.00	0.00	-	Black	Outer casing	EC	Post
Toys	Gaming steering wheel	357B	0.00	0.00	-	Other	Outer casing	EC	Post
Toys	Gaming steering wheel	357C	0.00	0.00	-	Black	Black handle	EB	Post
Toys	Gaming steering wheel	357D	0.00	0.00	-	Black	Steering wheel cover	EB	Post
Toys	Gaming steering wheel	357E	0.16	0.11	4.00	Black	Black button	EB	Post
Toys	Gaming steering wheel	357F	0.07	0.11	3.00	Other	Button	EB	Post
Toys	Gaming steering wheel	357G	0.00	0.00		White	Cog	G	Post
Toys	Gaming steering wheel	357H	0.00	0.00		Black	Steering wheel	EB	Post
Toys	Gaming steering wheel	357I	0.00	0.00		Black	Steering wheel column	EB	Post
Toys	Gaming steering wheel	357K	0.00	0.00		Black	Plastic screw	EB	Post
Toys	Racing wheel	439A	0.00	0.00		Other	Ferrari badge	EB	Post
Toys	Racing wheel	439B	0.00	0.00		Black	Steering wheel casing	EB	Post
Toys	Racing wheel	439C	0.00	0.00		Other	Gear paddles	EB	Post
Toys	Racing wheel	439D	0.00	0.00		Black	Inner framework	IF	Post
Toys	Racing wheel	439E	0.00	0.00		Black	Base	EB	Post
Toys	Racing wheel	439F	0.00	0.00		Black	Fitting	IF	Post
Toys	Radio control controller	353A	0.08	0.01	114	Black	Casing	EC	Pre
Toys	Radio control controller	353B	0.00	0.00		Black	Control mechanism	IO	Pre
Toys	Radio control controller	353C	0.01	0.00		Other	Outer casing	EC	Pre
Toys	Smile pocket learning system	372A	0.00	0.00		Other	Back casing	EC	Post
Toys	Smile pocket learning system	372B	0.00	0.00		Other	Front casing	EC	Post
Toys	Smile pocket learning system	372C	0.00	0.00		Other	Front casing	EC	Post
Toys	Smile pocket learning system	372D	0.00	0.00		Other	Screen protector	EB	Post
Toys	Smile pocket learning system	372E	0.04	0.00	25.0	Other	Button	EB	Post
Toys	Smile pocket learning system	372F	0.15	0.00	25.0	Other	Button casing	EB	Post
Toys	Smile pocket learning system	372G	0.00	0.00	-	Other	Inner casing	IF	Post
Toys	Smile pocket learning system	372H	0.01	0.00	-	Black	Connector box	IO	Post
Toys	Toy keyboard	334A	0.00	0.00	-	Other	Back casing	EC	Pre
Toys	Toy keyboard	334B	0.00	0.00	-	Other	Front casing	EC	Pre

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour	Component description	Component Cat.	Pre or post 2005
Toys	Toy keyboard	334C	0.00	0.00	-	Other	Front casing	EC	Pre
Toys	Toy keyboard	334D	0.00	0.00	-	Other	Front casing	EC	Pre
Toys	Toy keyboard	334E	0.00	0.00	-	White	Keys	EB	Pre
Toys	Toy keyboard	334F	0.00	0.00	-	Black	Keys	EB	Pre
Toys	Toy keyboard	334G	0.00	0.00	-	Black	Inner framework	IF	Pre
Toys	Toy keyboard	334H	0.01	0.00	-	Other	Inner bracket	IF	Pre
Toys	Toy keyboard	389A	0.00	0.00	-	Black	Back casing	EC	Post
Toys	Toy keyboard	389B	0.00	0.00	-	Other	Outer casing	EC	Post
Toys	Toy keyboard	389C	0.00	0.00	-	White	Outer casing	EC	Post
Toys	Toy keyboard	389D	0.00	0.00	-	Black	Outer casing	EC	Post
Toys	Toy keyboard	389E	0.00	0.00	-	Other	Button	EB	Post
Toys	Toy keyboard	389F	0.00	0.00	-	Other	Casing	EC	Post
Toys	Toy keyboard	389G	0.00	0.00	-	White	Key	EB	Post
Toys	Toy keyboard	389H	0.00	0.00	-	Black	Inner framework	IF	Post

Category	Subcategory	Component	Br (%)	Sb (%)	Wt. (g)	Colour Cat.	Component Description	Component Cat.	Date
Musicapp	Amplifier	154A	0.08	0.00	-	Black	Button	EB	pre
Musicapp	Amplifier	154B	0.00	0.02	-	Black	Cable connection	IO	pre
Musicapp	Amplifier	154C	0.00	0.00	-	Black	Internal controller	IO	pre
Musicapp	Amplifier	154D	0.00	0.00	-	Black	Internal frame	IF	pre
Musicapp	Baby calmer	394A	0.00	0.01	-	Other	Outer casing	EC	Post
Musicapp	Baby calmer	394B	0.00	0.00	-	Other	Outer casing	EC	Post
Musicapp	Baby calmer	394C	0.00	0.00	-	Other	Battery housing	EB	Post
Musicapp	Baby calmer	394D	0.00	0.01	-	Other	Front control unit	EB	Post
Musicapp	Baby calmer	394E	0.00	0.00	-	Other	MP3 tray	EB	Post
Musicapp	Baby calmer	394F	0.00	0.00	-	Other	Inner framework	IF	Post
Musicapp	Baby calmer	394G	0.00	0.00	-	Other	Motor housing	MC	Post
Musicapp	Baby calmer	394H	0.00	0.00	-	White	Cog	G	Post
Musicapp	Baby calmer	394I	0.00	0.00	-	White	Housing	IO	Post
Musicapp	Camcorder	160A	6.57	1.66	-	Black	External frame	EB	Pre
Musicapp	Camcorder	160B	0.00	0.02	-	Black	Inner frame	IF	Pre
Musicapp	Camcorder	160C	7.08	1.98	-	Black	Memory card holder	IF	Pre
Musicapp	Camcorder	344A	8.87	0.00	-	Other	Outer casing	EC	Pre
Musicapp	Camcorder	344B	0.04	0.07	-	Black	Viewfinder casing	EB	Pre
Musicapp	Camcorder	344C	3.39	0.58	-	Black	Outer casing	EC	Pre
Musicapp	Camcorder	344D	1.90	0.15	-	Other	Switch	IO	Pre
Musicapp	Camcorder	344E	6.85	0.18	-	Black	Screen casing	EB	Pre
Musicapp	Camcorder	344F	0.00	0.58	-	Other	Screen cover	EB	Pre
Musicapp	Camcorder	344G	0.00	0.00	-	Black	Tape cover	EB	Pre
Musicapp	Camcorder	344H	0.00	0.00	-	White	Cog	G	Pre
Musicapp	Camcorder	344I	0.39	0.01	-	Black	Circuit board framework	IO	Pre
Musicapp	Camcorder	344J	0.81	0.15	-	Black	Lens inner framework	IF	Pre
Musicapp	Camcorder	344K	0.67	0.34	-	Other	Flash casing	IF	Pre
Musicapp	Camcorder	344L	1.46	0.71	-	Black	Framework by flash	IF	Pre
Musicapp	Camcorder	344M	0.19	0.13	-	Black	Lens framework	IF	Pre
Musicapp	Camcorder	344N	0.02	0.00	-	Black	Inner framework	IF	Pre
Musicapp	Camcorder	344O	0.10	0.01	-	Black	Battery framework	IF	Pre
Musicapp	Camcorder	382A	6.44	0.02	126	Other	Casing	EC	Pre



Musicapp	Camcorder	382B	0.22	0.00	126	Other	Screen	EB	Pre
Musicapp	Camcorder	382C	5.93	0.02	126	Other	Outer casing	EC	Pre
Musicapp	Camcorder	382D	6.20	0.02	9.00	Other	Battery cover	EB	Pre
Musicapp	Camcorder	382E	0.02	0.01	-	Black	Lens housing	IF	Pre
Musicapp	Camera	349A	0.01	0.01	-	Other	Outer casing	EC	Pre
Musicapp	Camera	349B	3.04	1.77	59.0	Black	Lens housing	IF	Pre
Musicapp	Camera	349C	0.00	0.00	-	Black	Battery housing	EB	Pre
Musicapp	Camera	376A	0.00	0.00	-	Other	Front case	EC	Pre
Musicapp	Camera	376B	0.00	0.00	-	Other	Inside case	IF	Pre
Musicapp	Camera	376D	0.00	0.00	-	Other	Lens cover	IF	Pre
Musicapp	Camera	376E	0.00	0.00	-	Black	Battery cover	IF	Pre
Musicapp	Camera	376F	0.00	0.00	-	Other	Capacitor	IO	Pre
Musicapp	CD player	145A	0.01	0.01	-	Other	Front panel internal	IF	Post
Musicapp	CD player	145B	0.00	0.00	-	Other	Outer case	EC	Post
Musicapp	CD player	145C	0.00	0.00	-	Other	Front CD window	EB	Post
Musicapp	CD player	145D	0.00	0.00	-	Black	Cog	G	Post
Musicapp	CD player	145E	0.00	0.00	-	Black	Foot	EB	Post
Musicapp	CD player	145F	0.00	0.00	-	Black	CD tray	EB	Post
Musicapp	CD player	145G	0.16	0.21	88.0	Black	Internal CD frame	IF	Post
Musicapp	CD player	145H	0.00	0.00	-	Black	Framework	IF	Post
Musicapp	CD player	145I	0.02	0.07	-	Black	Internal framework	IF	Post
Musicapp	CD player	155A	0.06	0.00	31.0	Other	Front casing	EC	Pre
Musicapp	CD player	155B	0.04	0.02	106	Other	Top casing	EC	Pre
Musicapp	CD player	155C	0.23	0.03	355	Other	Back casing	EC	Pre
Musicapp	CD player	155D	0.21	0.00	6.00	Black	Tape holder	IF	Pre
Musicapp	CD player	157A	0.00	0.00	-	Black	Front cover	EC	Pre
Musicapp	CD player	157B	0.07	0.00	73.0	Black	Back cover	EC	Pre
Musicapp	CD player	157C	0.00	0.00	-	Black	Inner framework	IF	Pre
Musicapp	CD player	163A	0.17	0.00	275	Other	Base casing	EC	Pre
Musicapp	CD player	163B	0.00	0.00	-	Other	Front casing	EC	Pre
Musicapp	CD player	163C	0.00	0.00	-	Other	Dial	EB	Pre
Musicapp	CD player	163D	0.00	0.00	-	Other	Button	EB	Pre
Musicapp	CD player	163E	0.00	0.00	-	Black	Wheel	EB	Pre

Musicapp	CD player	175A	0.00	0.00	-	Other	Connector	IO	Pre
Musicapp	CD player	175B	0.05	0.00	92.0	Black	CD tray	IF	Pre
Musicapp	CD player	175C	0.00	0.00	-	Black	Inner framework for CD	IF	Pre
Musicapp	CD player	175D	0.05	0.00	15.0	Black	CD framework	IF	Pre
Musicapp	CD player	175E	0.52	0.00	3.00	Black	Lens case	IF	Pre
Musicapp	CD player	175F	0.00	0.01	-	Black	wheel	EB	Pre
Musicapp	CD player	175G	0.05	0.00	156	Black	CD player casing	IF	Pre
Musicapp	CD player	175H	0.00	0.00	-	Black	Wheel	EB	Pre
Musicapp	CD player	345A	0.00	0.00	-	Black	Black clip	EB	Pre
Musicapp	CD player	345B	0.00	0.00	-	Black	Outer casing	EB	Pre
Musicapp	CD player	345C	0.02	0.00	-	Other	Screen cover	EB	Pre
Musicapp	CD player	345D	0.00	0.00	-	Other	Dial cover	EB	Pre
Musicapp	CD player	345E	0.00	0.00	-	Black	Cog	G	Pre
Musicapp	CD player	345F	0.00	0.00	-	White	Inner framework	IF	Pre
Musicapp	CD player	347A	0.00	0.00	-	Other	Outer casing	EC	Pre
Musicapp	CD player	347B	0.00	0.00	-	Other	Outer casing	EC	Pre
Musicapp	CD player	347C	0.01	0.00	-	Other	Screen casing	EB	Pre
Musicapp	CD player	347D	0.00	0.00	-	Other	Back casing	EC	Pre
Musicapp	CD player	347E	4.33	0.00	-	Black	Internal framework	IF	Pre
Musicapp	CD player	347F	0.02	0.00	25.0	Black	Internal framework	IF	Pre
Musicapp	CD player	388A	0.06	0.01	55.0	Other	Lid casing	EB	Post
Musicapp	CD player	388B	0.12	0.00	-	Black	Inside controls cover	IO	Post
Musicapp	CD player	388C	0.00	0.00	-	Other	Inside cover	IF	Post
Musicapp	CD player	388D	0.00	0.00	-	Black	Back cover	EC	Post
Musicapp	CD player	388E	0.00	0.00	-	Black	Battery unit	IO	Post
Musicapp	CD player	388F	4.58	0.22	56.0	Black	Laser housing	IO	Post
Musicapp	CD player (Car radio)	149A	0.00	0.00	-	Black	Pin connector	IO	Pre
Musicapp	CD player (Car radio)	149B	0.00	0.00	-	Black	Outer casing	EC	Pre
Musicapp	CD player (Car radio)	149C	0.00	0.00	-	Black	CD cog	G	Pre
Musicapp	CD player (Car radio)	149D	0.00	0.00	-	Other	Knob	EB	Pre
Musicapp	CD player (Car radio)	149E	0.00	0.00	-	Black	Inner frame	IF	Pre
Musicapp	CD radio player	171A	0.00	0.00	-	Black	CD tray	IF	Pre
Musicapp	CD radio player	171B	0.00	0.00	-	Black	CD player casing	IF	Pre

Musicapp	CD radio player	171C	0.00	0.00	-	Black	Internal frame	IF	Pre
Musicapp	CD radio player	171D	0.00	0.00	-	Black	Internal frame	IF	Pre
Musicapp	CD radio player	171E	0.00	0.01	-	Black	Internal clip	IF	Pre
Musicapp	CD radio player	171F	0.04	0.01	-	Other	Outer frame	EC	Pre
Musicapp	CD radio player	171G	0.00	0.00	-	Black	Tape wheel	G	Pre
Musicapp	CD stereo	142A	0.00	0.00	-	White	Internal cover	IF	Post
Musicapp	CD stereo	142B	0.00	0.00	-	Black	CD Tray	IF	Post
Musicapp	CD stereo	142C	0.00	0.00	-	Black	Framework	IF	Post
Musicapp	CD stereo	142D	0.00	0.00	-	Black	Circuit board frame	IO	Post
Musicapp	CD stereo	142E	0.00	0.00	-	Black	Cog	G	Post
Musicapp	CD stereo	142F	0.00	0.00	-	White	Fixing	IF	Post
Musicapp	CD stereo	142G	0.00	0.00	-	White	Framework	IF	Post
Musicapp	CD stereo	142H	0.02	0.00	-	Black	Internal framework	IF	Post
Musicapp	CD stereo	169A	0.00	0.00	-	Other	Outer casing front	EC	Pre
Musicapp	CD stereo	169B	0.00	0.00	-	Other	Outer casing back	EC	Pre
Musicapp	CD stereo	169C	0.13	0.01	118	Black	Front frame	EB	Pre
Musicapp	CD stereo	169D	0.00	0.00	-	Other	CD cover	EB	Pre
Musicapp	CD stereo	169E	0.02	0.02	-	Black	CD tray	IF	Pre
Musicapp	CD stereo	169F	0.00	0.00	-	Other	Inner frame	IF	Pre
Musicapp	CD stereo	169G	0.02	0.00	-	Black	CD Tray mid-section	IF	Pre
Musicapp	CD stereo	169H	0.00	0.00	-	Other	Display case	EB	Pre
Musicapp	CD stereo	396A	0.00	0.42	-	Black	Fan	F	Post
Musicapp	CD stereo	396B	0.25	0.04	-	Black	Inner framework	IF	Post
Musicapp	CD stereo	396C	0.00	0.00	-	Black	Bottom casing	EB	Post
Musicapp	CD stereo	396D	0.43	0.00	-	Black	PCB cover	IO	Post
Musicapp	CD stereo	396E	0.00	0.00	-	Other	Back casing	EC	Post
Musicapp	CD stereo	396F	0.00	0.00	-	Other	Outer casing	EC	Post
Musicapp	CD stereo	396H	0.00	0.00	-	White	Screen frame	EB	Post
Musicapp	CD stereo	396I	0.00	0.00	-	Other	Screen cover	EB	Post
Musicapp	CD stereo	396J	0.01	0.00	-	Other	Button	EB	Post
Musicapp	CD stereo	396K	0.00	0.00	-	White	Inner framework	IF	Post
Musicapp	CD stereo	396L	0.00	0.00	-	Other	Speaker casing	EB	Post
Musicapp	Clock	387A	0.01	0.00	-	Black	Frame	EB	Post

Musicapp	Clock	387B	0.00	0.00	-	Other	Outer casing	EC	Post
Musicapp	Clock	387C	0.00	0.00	-	Black	Inner framework	IF	Post
Musicapp	Clock	387D	0.01	0.00	-	Black	Battery casing	EB	Post
Musicapp	Clock	387E	0.00	0.00	-	Black	Back casing	EC	Post
Musicapp	Clock	387F	0.00	0.00	-	Other	Clock face	IF	Post
Musicapp	Clock (Alarm)	428A	0.13	0.00	46.0	Black	Outside casing	EC	Post
Musicapp	Clock (Alarm)	428B	0.00	0.00	-	Black	Upper outside casing	EC	Post
Musicapp	Clock (Alarm)	428C	0.01	0.00	-	Black	Capacitor	IO	Post
Musicapp	Clock (Alarm, Projector)	385A	0.00	0.00	-	Other	Front screen	EB	Post
Musicapp	Clock (Alarm, Projector)	385B	0.00	0.00	-	Black	Back cover	EB	Post
Musicapp	Clock (Alarm, Projector)	385C	0.00	0.00	-	Other	Button	EB	Post
Musicapp	Clock (Alarm, Projector)	385D	0.00	0.00	-	Black	Focus unit	EB	Post
Musicapp	Clock (Alarm, Projector)	385E	0.00	0.00	-	Black	Focus knob	EB	Post
Musicapp	Clock (Alarm, Radio)	406A	0.00	0.00	-	Black	Outside casing	EC	Pre
Musicapp	Clock (Alarm, Radio)	406B	0.00	0.00	-	Other	Screen cover	EB	Pre
Musicapp	Clock (Alarm, Radio)	406C	0.01	0.00	-	Black	Adjustment box	EB	Pre
Musicapp	Clock (Alarm, Radio)	406D	0.03	0.00	6.00	Black	Control cover	IO	Pre
Musicapp	Clock (Radio)	165A	0.00	0.00	-	Other	Top casing	EC	Pre
Musicapp	Clock (Radio)	165B	0.00	0.00	-	Other	Inner casing	IF	Pre
Musicapp	Clock (Radio)	165C	0.00	0.00	-	Other	Display panel	EB	Pre
Musicapp	Clock (Radio)	165D	0.01	0.00	-	Black	Button frame	EB	Pre
Musicapp	Clock (Radio)	165E	0.00	0.00	-	White	Number display	EB	Pre
Musicapp	Clock (Radio)	165F	0.00	0.00	-	Other	Back casing	EC	Pre
Musicapp	Clock (Radio)	165G	0.06	0.00	-	Black	Black frame	IF	Pre
Musicapp	Clock (Radio)	416A	0.00	0.00	-	Other	Screen cover	EB	Post
Musicapp	Clock (Radio)	416B	0.00	0.00	-	Black	Outer casing	EC	Post
Musicapp	Clock (Radio)	416C	0.00	0.00	-	Other	Button	EB	Post
Musicapp	Decoder	153A	5.44	2.30	27.0	Black	Card reader	IF	Pre
Musicapp	Decoder	153B	0.01	0.01	-	Black	Pin connector	IO	Pre
Musicapp	DVD player	147A	0.02	0.00	-	Black	CD tray	IF	Post
Musicapp	DVD player	147B	0.01	0.01	-	Black	Internal framework	IF	Post
Musicapp	DVD player	147C	0.03	0.00	-	Black	Internal framework for CD	IF	Post
Musicapp	DVD player	147D	0.04	0.01	-	Black	Inner framework	IF	Post

Musicapp	DVD player	147E	0.00	0.00	-	White	Inner framework	IF	Post
Musicapp	DVD player	147F	0.03	0.00	-	Black	Pin connector	IO	Post
Musicapp	DVD player	166A	0.00	0.00	-	Other	Front panel	EB	Pre
Musicapp	DVD player	166B	0.01	0.00	-	Black	DVD player casing	EC	Pre
Musicapp	DVD player	166C	0.00	0.00	-	Black	DVD player casing bottom	EC	Pre
Musicapp	DVD player	166D	0.00	0.00	-	White	DVD player inner frame	IF	Pre
Musicapp	DVD player	166E	0.02	0.01	-	Black	Black wheel	EB	Pre
Musicapp	DVD recorder	143A	0.40	0.00	8.00	Other	Feet	EB	Post
Musicapp	DVD recorder	143B	0.00	0.00	-	Black	Outer case cover	EC	Post
Musicapp	DVD recorder	143C	0.01	0.00	-	Black	Base	EB	Post
Musicapp	DVD recorder	143D	5.03	1.77	23.0	White	Cable connector	IO	Post
Musicapp	DVD recorder	146A	0.00	0.00	-	Other	Front panel	EB	Post
Musicapp	DVD recorder	146B	0.00	0.00	-	Other	Front frame	EB	Post
Musicapp	DVD recorder	146C	0.03	0.00	-	Black	Hard disk frame	IO	Post
Musicapp	DVD recorder	146D	0.00	0.00	-	White	Cable connector	IO	Post
Musicapp	DVD recorder	146E	5.77	2.35	7.00	Black	Fan	F	Post
Musicapp	DVD recorder	146F	0.00	0.01	-	Black	CD Tray	IF	Post
Musicapp	DVD recorder	146G	0.00	0.00	-	Black	Framework	IF	Post
Musicapp	DVD recorder	146H	0.07	0.00	34.0	Black	SCART lead connector	IO	Post
Musicapp	DVD recorder	159A	0.03	0.05	-	Black	Cover	EC	Pre
Musicapp	DVD recorder	159B	0.17	0.02	5.00	Black	SCART connector	IO	Pre
Musicapp	DVD recorder	174A	5.89	2.59	36.0	Black	Fan	F	Pre
Musicapp	DVD recorder	174B	0.27	1.54	3.00	Other	Pin connector	IO	Pre
Musicapp	DVD recorder	174C	0.01	0.00	-	Black	Connector	IO	Pre
Musicapp	DVD recorder	174D	5.25	2.00	12.0	Black	Fan casing	F	Pre
Musicapp	DVD recorder	174E	0.00	0.00	-	Black	CD outer casing	EB	Pre
Musicapp	DVD recorder	174F	0.23	0.05	119	Black	CD outer casing	EB	Pre
Musicapp	DVD recorder	174G	0.01	0.00	-	Black	CD Tray	IF	Pre
Musicapp	DVD/VCR player	173A	0.00	0.00	-	Black	CD Tray	IF	Pre
Musicapp	DVD/VCR player	173B	0.00	0.00	-	Black	CD frame	IF	Pre
Musicapp	DVD/VCR player	173C	0.00	0.00	-	Black	Inner frame	IF	Pre
Musicapp	DVD/VCR player	173D	0.00	0.00	-	Black	Cable connector	IO	Pre
Musicapp	DVD/VCR player	173E	0.01	0.00	-	White	Cog	G	Pre

Musicapp	DVD/VCR player	173F	0.00	0.00	-	White	Framework	IF	Pre
Musicapp	DVD/VCR player	173G	0.17	0.09	4.00	Black	Connector	IO	Pre
Musicapp	DVD/VCR player	173H	0.00	0.00	-	Black	Wheel	EB	Pre
Musicapp	Magic box	137A	0.01	0.00	-	Black	Base	EC	Post
Musicapp	Magic box	137B	0.01	0.00	-	Black	Top	EC	Post
Musicapp	Magic box	137C	0.42	0.00	5.00	Black	Display panel	EB	Post
Musicapp	Magic box	137D	0.00	0.00	-	Black	Display key	EB	Post
Musicapp	Magic box	137E	10.7	3.99	3.00	Black	Cable connector	IO	Post
Musicapp	Projector	156A	0.00	0.00	-	Black	Connector	IO	Pre
Musicapp	Projector	156B	0.00	0.00	-	Black	Knob	EB	Pre
Musicapp	Radio	136A	0.00	0.00	-	Other	Battery door	EB	Post
Musicapp	Radio	136B	0.00	0.00	-	Other	Outer casing back	EC	Post
Musicapp	Radio	136C	0.00	0.00	-	Black	Cable connector	IO	Post
Musicapp	Radio	136D	1.93	0.01	12.1	Black	Power connection	IO	Post
Musicapp	Radio	150A	0.00	0.00	-	Other	Outer casing back	EC	Pre
Musicapp	Radio	391A	0.00	0.00	-	Other	Outer casing	EC	Post
Musicapp	Radio	391B	0.00	0.00	-	Black	Outer casing	EC	Post
Musicapp	Radio	422A	0.07	0.01	76.0	Black	Back casing	EB	Post
Musicapp	Radio	422B	0.68	0.14	35.0	Other	Casing	EC	Post
Musicapp	Radio	422C	0.47	0.09	17.0	Black	Front casing	EB	Post
Musicapp	Radio cassette	168A	0.00	0.00	-	Black	Front cover	EC	Pre
Musicapp	Radio cassette	168B	0.00	0.00	-	Black	Speaker frame	EB	Pre
Musicapp	Radio cassette	168C	0.00	0.00	-	Black	Batter cover	EB	Pre
Musicapp	Radio cassette	168D	0.00	0.05	-	Black	Back cover	EC	Pre
Musicapp	Radio cassette	168E	0.00	0.00	-	Black	Side rotor wheel	EB	Pre
Musicapp	Radio cassette	168F	0.00	0.00	-	Black	Inner frame	IF	Pre
Musicapp	Radio cassette	168G	0.00	0.00	-	Black	Inner frame	IF	Pre
Musicapp	Radio cassette recorder	161A	0.00	0.00	-	Other	Silver front frame	EB	Pre
Musicapp	Radio cassette recorder	161B	0.00	0.00	-	Other	Cassette cover	EB	Pre
Musicapp	Radio cassette recorder	161C	0.00	0.00	-	Other	Cassette frame	IF	Pre
Musicapp	Radio cassette recorder	161D	0.00	0.00	-	Other	Battery frame	IF	Pre
Musicapp	Radio cassette recorder	161E	0.00	0.01	-	Other	Back outer casing	EC	Pre
Musicapp	Radio cassette recorder	161F	0.00	0.00	-	Black	Inner frame	IF	Pre

Musicapp	Radio transmitter	158A	0.00	0.00	-	Other	Outer casing	EC	Pre
Musicapp	Radio transmitter	158B	0.16	0.00	89.0	Other	Front panel	EB	Pre
Musicapp	Radio transmitter	158C	0.03	0.00	-	Other	Front display	EB	Pre
Musicapp	Radio transmitter	158D	0.00	0.00	-	Black	Handle	EB	Pre
Musicapp	Radio transmitter/receiver	135A	0.00	0.01	-	Other	Outer casing Back	EC	Post
Musicapp	Radio transmitter/receiver	135B	0.00	0.01	-	Other	Outer casing front	EC	Post
Musicapp	Radio transmitter/receiver	135C	3.96	0.20	-	Other	Inner cable	IO	Post
Musicapp	Radio transmitter/receiver	135D	0.00	0.00	-	Other	Flash card holder	IO	Post
Musicapp	Recorder	164A	0.01	0.00	-	Black	SCART connector	IO	Pre
Musicapp	Recorder	164B	0.00	0.00	-	Black	Connector	IO	Pre
Musicapp	Recorder	167A	0.00	0.00	-	Other	Outer frame	EC	Pre
Musicapp	Recorder	167B	0.08	0.00	67.0	Other	Bottom casing	EC	Pre
Musicapp	Recorder	167C	0.04	0.00	-	Black	SCART frame	IO	Pre
Musicapp	Router	133A	0.04	0.00	93.0	Black	Outside casing	EC	Post
Musicapp	Router	133B	0.00	0.00	-	Black	Stand	EB	Post
Musicapp	Router	133C	0.01	0.00	-	Other	Frame	IF	Post
Musicapp	Router	133D	0.03	0.00	-	Black	Back casing	EC	Post
Musicapp	Router	134A	0.00	0.00	-	Other	Outside casing	EC	Post
Musicapp	Router	134B	0.00	0.00	-	Other	Back casing	EC	Post
Musicapp	Router	134C	10.2	3.40	3.00	Other	Ariel	EB	Post
Musicapp	Speaker	141A	0.12	0.04	1,500	Black	Battery casing top	EB	Post
Musicapp	Speaker	141B	0.13	0.02	-	Black	Battery casing midsection	EB	Post
Musicapp	Speaker	141C	0.00	0.00	-	Black	Frame	IF	Post
Musicapp	Speaker	141D	0.00	0.00	-	Black	iPod frame	EB	Post
Musicapp	Speaker	141E	0.04	0.01	87.0	Black	Cable connection box	IO	Post
Musicapp	Speaker	141F	0.02	0.01	-	Black	Speaker rim	IF	Post
Musicapp	Speaker	141G	0.00	0.00	-	Black	Outer case cover	EC	Post
Musicapp	Speaker	144A	0.00	0.00	-	Black	Back case	EC	Post
Musicapp	Speaker	144B	0.05	0.02	-	Black	Front case	EC	Post
Musicapp	Speaker	144C	0.04	0.01	-	Other	Frame	IF	Post
Musicapp	Speaker	151A	0.00	0.01	-	Black	Outer casing	EC	Pre
Musicapp	Speaker	151B	0.00	0.00	-	Black	Front casing	EB	Pre
Musicapp	Speaker	151C	0.00	0.00	-	Black	Front frame	EB	Pre

Musicapp	Speaker	152A	0.00	0.00	-	Other	Outer frame	EB	Pre
Musicapp	Speaker	152B	0.00	0.00	-	Other	Outer frame	EB	Pre
Musicapp	Speaker	152C	0.29	0.05	1,300	Black	Inner frame	IF	Pre
Musicapp	Speaker	162A	0.07	0.01	202	Black	Front panel	EB	Pre
Musicapp	Speaker	162B	0.06	0.01	-	Black	Inner casing	IF	Pre
Musicapp	Speaker	162C	0.04	0.01	-	Black	Sub-woofer tube	IF	Pre
Musicapp	Speaker	162D	0.09	0.03	17.0	Black	Connector	IO	Pre
Musicapp	Speaker	176A	0.00	0.00	-	Other	Front casing	EC	Pre
Musicapp	Speaker	176B	0.00	0.00	-	Black	Speaker cover frame	EB	Pre
Musicapp	Speaker	331A	0.00	0.00	-	Black	Rubber rim cover	EC	Pre
Toys	Speaker (Angry Birds)	366A	0.00	0.00	-	Other	Outer Casing	EC	Post
Toys	Speaker (Angry Birds)	366B	0.00	0.00	-	Black	Outer Casing	EC	Post
Toys	Speaker (Angry Birds)	366C	0.00	0.00	-	White	Outer Casing	EC	Post
Toys	Speaker (Angry Birds)	366D	0.00	0.00	-	Other	Outer Casing	EC	Post
Toys	Speaker (Angry Birds)	366E	0.00	0.00	-	Black	Inner framework	IF	Post
Toys	Speaker (Angry Birds)	366F	0.00	0.00	-	Black	Base	EB	Post
Musicapp	TV Cable box (Sky)	138A	0.00	0.00	-	Black	Base	EC	Post
Musicapp	TV Cable box (Sky)	138B	4.93	1.95	4.00	Black	Sky card casing	IF	Post
Musicapp	TV Cable box (Sky)	138C	0.00	0.00	-	Black	Sky card casing	IG	Post
Musicapp	TV Cable box (Sky)	139A	0.00	0.00	-	Black	Front	EC	Post
Musicapp	TV Cable box (Sky)	139B	0.00	0.00	-	Other	Framework	IF	Post
Musicapp	TV Cable box (Sky)	139C	0.01	0.00	-	Black	Button frame	IF	Post
Musicapp	TV Cable box (Sky)	139D	0.00	0.00	-	Other	Internal cable frame	IO	Post
Musicapp	TV Cable box (Sky)	139E	3.76	0.78	6.00	Black	Card holder	IF	Post
Musicapp	TV Cable box (Sky)	139F	10.3	2.14	-	Black	Cooling fan	F	Post
Musicapp	TV Cable box (Sky)	139G	0.00	0.00	-	Black	Hard drive casing	IO	Post
Musicapp	TV Cable box (Sky)	139H	0.02	0.00	-	Black	Connector	IO	Post
Musicapp	TV Cable box (Sky)	139I	0.00	0.00	-	Black	Connector	IO	Post
Musicapp	TV Cable box (Sky)	170A	4.74	2.05	26.0	Black	Card holder	IF	Pre
Musicapp	TV Cable box (Sky)	170B	0.00	0.00	-	Black	Inner frame	IF	Pre
Musicapp	TV Cable box (Sky)	170C	0.01	0.00	-	Black	SCART connector	IO	Pre
Musicapp	TV Cable box (Sky)	170D	0.01	0.00	-	Black	Connector	IO	Pre
Musicapp	TV Cable box (Sky)	170E	5.37	1.74	5.00	Black	Card holder	IF	Pre



Musicapp	TV Cable box (Sky)	170F	0.00	0.01	-	Other	Tape	EB	Pre
Musicapp	TV Cable box (Sky)	172A	0.00	0.00	-	White	Front panel	EB	Pre
Musicapp	TV Cable box (Sky)	172B	0.00	0.01	-	Other	Clear display	EB	Pre
Musicapp	TV Cable box (Sky)	172C	6.20	0.00	16.0	Black	Card holder	IF	Pre
Musicapp	TV Cable box (Sky)	172D	0.00	0.00	-	Black	Lower card holder	IF	Pre
Musicapp	TV Cable box (Virgin)	140A	0.00	0.00	-	Black	Base	EC	Post
Musicapp	TV Cable box (Virgin)	140B	2.89	0.62	67.0	Black	Front vent	EB	Post
Musicapp	TV Cable box (Virgin)	140C	4.06	3.25	19.0	Black	Card holder	IF	Post
Musicapp	VCR	148A	0.16	0.03	127	Black	Outer casing	EC	Pre
Musicapp	VCR	148B	0.06	0.00	8.00	Other	Display panel	EB	Pre
Musicapp	VCR	148C	0.00	0.01	-	Black	Video flap	EB	Pre
Musicapp	VCR	148D	3.25	0.00	-	Black	Outer casing	EC	Pre
Musicapp	VCR	148E	3.33	0.95	-	Black	Outer casing	EC	Pre
Musicapp	VCR	148F	0.00	0.00	-	White	White inner casing	IF	Pre
Musicapp	VCR	148G	0.19	0.04	61.0	Black	Inner framework	IF	Pre
Musicapp	VCR	148H	0.23	0.03	-	Black	Outer framework	EC	Pre
Musicapp	VCR	148I	0.00	0.00	-	Black	Rotating component	MC	Pre
Musicapp	VCR	329A	0.00	0.01	-	Other	Front panel	EB	Pre
Musicapp	VCR	329B	0.01	0.00	-	Black	Inner casing	IF	Pre
Musicapp	VCR	329C	0.00	0.00	-	White	Cog	G	Pre
Musicapp	VCR	329D	0.00	0.00	-	White	Inner framework	IF	Pre
Musicapp	VCR	329E	0.00	0.00	-	White	Inner framework	IF	Pre
Musicapp	VCR	329F	0.00	0.00	-	Black	Inner framework	IF	Pre
Musicapp	VCR	404A	0.00	0.00	-	Black	Outer casing	EC	Pre
Musicapp	VCR	404B	0.50	0.01	-	Black	Outer casing	EC	Pre
Musicapp	VCR	404C	0.00	0.00	-	Black	Lens housing	IF	Pre
Musicapp	VCR	404D	1.73	0.00	20.0	Other	View finder	EB	Pre
Musicapp	VCR	404E	6.55	1.99	-	Black	View finder outside	EB	Pre
Musicapp	VCR	404F	0.00	0.00	-	Black	Lens housing case	IF	Pre
Musicapp	VCR	404G	0.00	0.00	-	Black	Cog	G	Pre
Musicapp	Walky talky	386A	0.00	0.00	-	Black	Outer casing	EC	Post
Musicapp	Walky talky	386B	0.00	0.00	-	Other	Screen	EB	Post
Musicapp	Walky talky	386C	0.00	0.00	-	Black	Inner casing	IF	Post

Musicapp	Water flosser	429A	0.00	0.00	-	Other	Water reservoir	IF	Post
Musicapp	Water flosser	429B	0.00	0.00	-	White	Casing	EC	Post
Musicapp	Water flosser	429C	0.00	0.00	-	Other	Casing	EC	Post
Musicapp	Water flosser	429D	0.00	0.00	-	White	Inside Structure	IF	Post
Musicapp	Water flosser	429E	0.00	0.00	-	White	White mechanism	IO	Post