Product Specification Sheet

BST Metal Detectable Bowl Scoops | HD44*

BST Metal Detectable Bowl Scoops

This scoop provides accuracy, practicality and usability. Self-standing bowl scoop with a large ladle type design and graduated markings, ideal for use with both liquid and solid materials, available in a number of colours. Our scoop range is manufactured from a material based on high-impact, food contact approved polypropylene. These scoops can be detected and rejected by all correctly calibrated metal detection systems used in the food processing industry.

Metal Detectable Bowl Scoop Advantages

- ✓ Genuine single mould construction, eliminating bacteria traps & improving hygiene
- ✓ Compliant with EU & FDA food contact legislation, including mandatory EU migration test standards
- ✓ Five bright colours to choose from for easy visual identification
- ✓ Highly durable, lightweight and provides excellent wear and tear resistance
- ✓ Reduced risk of damage to floor surfaces and machinery
- ✓ Can be used as part of HACCP and BRC procedures
- ✓ Displays due diligence in the prevention of foreign body contamination

Product and Packaging Information

Product Code	HD44*	**Dimensions**	220 x 80 x 360mm
Pack Size	5	**Capacity**	2 Litre
Pack Weight	1.69kg	**Material**	Polypropylene
Body Colour(s)	B,R,G,Y,W	**Detectability**	Metal Detectable
Temperature Range	-30 ~ 80°C	**Country Of Origin**	Britain
AntiBacterial	No	**Commodity Code**	39269097

Safety Certificates / Approvals

FDA Approved	BRCGS Compliant	ISO 9001:2015
EU Compliant	Made In Britain	

Materials

Manufactured from a material based on high-impact, food contact approved polypropylene. The material contains full and uniform dispersion of ferrous based detectable elements throughout the product.

Animal Derivatives

To the best of our knowledge there are no ingredients in the formulation of this material that is of animal origin. As such, this material should not pass on any animal derived disease like BSE (Bovine Spongiform Encephalopathy) or other TSE (Transmissible Spongiform Encephalopathy).

Declaration of absence Silicone

On the basis of our knowledge of the manufacturing process and information provided by raw material suppliers. Contains Polydimethylsiloxane CAS 63148-62-9, 0,0060%

Declaration of Metals

Stainless Steel grade 304 is used for all metal components or additives and is compliant with EU and FDA regulations for direct contact with food suitability.

EU Declaration of Compliance

Regarding materials and articles which, in their finished state, are intended for, or expected to come into direct contact with food. All product codes as listed above comply with the following regulations; Regulation (EC) No 1935/2004, Commission Regulation (EC) No 2023/2006 and Commission Regulation (EU) 10/2011 and amendments up to and including (EU) 2020/1245, also including (EU) 2016/1416 & (EU) 2018/79. All products listed above are covered by this regulation and are approved to be labelled as such or by using the 'Glass & Fork' symbol as illustrated above.

The material was tested in accordance with the requirements of the Plastic Materials and Articles in Contact with Food Commission Regulation (EU) No. 10/2011 following Methods BSEN 1186:2002.
The Regulations require that no plastic material shall be capable of transferring its constituents to food with which it may come into contact in quantities exceeding the appropriate limit.
For the material the appropriate limit is 10 mg/dm2.

We confirm that the material has been formulated and manufactured in accordance with the compositional requirements of the following food contact recommendations or regulations:

Commission Regulation (EU) No. 10/2011 of January 14, 2011, effectively replacing EC Commission Directive 2002/72/EC of August 6, 2002, as amended. This material contains no monomers which are regulated with a specific migration limit. This material does not contain intentionally incorporated additives which are regulated with a specific migration limit. This material contains one or more intentionally added dual use additives which are subject to disclosure of adequate information as described in Annex VIa of Directive 2007/19/EC. The identity of this/these substance(s) can be disclosed for testing purposes upon special request and under maintaining secrecy. This material has been manufactured in accordance with the relevant requirements of Commission Regulation EC No. 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food.

FDA Declaration of Compliance

The polyolefin base resins used are compliant with FDA requirements contained in 21 CFR 177.1520. Also the additives used are FDA cleared as GRAS (generally Recognised As Safe) or under specific FDA citations.
All colorants used are listed in-line with FDA requirement 21. CFR 178.3297 'Colorants for Polymers'

Good Working Practices

All procedures regarding the manufacturing of these products, including raw material supply, storage, processing, quality control, testing and packing are in accordance, adhere to and are compliant with European Directive EU 2023/2006.

In respect of European Commission regulation# 2023/2006 of 22 December 2006 on good manufacturing practice for materials and articles intended to come into contact with food. This particular regulation refers specifically to EC regulation.

1935/2004/EC in terms of materials. This is to confirm that the ingredients used to manufacture the products listed below and the way these materials are handled, the processes they are put through are all subject to the Quality Assurance system (IS09001 :2008) as approved by ISOQAR. As such this means we, and the products listed below meet the European Commission regulation # 2023/2006.

This is to confirm that this master batch is formulated and manufactured using materials of a synthetic origin using good manufacturing practices that meet European Commission regulation # 2023/2006.

Good Working Practices Cont.

There are no ingredients in the formulation of our hygiene PP material that is of animal origin. As such, this material should not pass on any Animal derived disease like BSE (Bovine Spongiform Encephalopathy) or other TSE (Transmissible Spongiform Encephalopathy).

We have to inform you that our hygiene material contains traces (1-10 ppm) of a phthalate, originated from the used catalyst system. These traces fully comply with the EC. Directives 2005/84/EC and Commission Regulation (EU) 10/2011 and amendments. We can also inform you, that this material is not subject to Annex XIV (Authorisation) of Regulation (EC) No 1907/2006 (also known as REACH), since the possible traces phthalate present in our material are either regarded as an impurity or are far below the threshold of 0.1% (1000 ppm) as mentioned in Article 56(6) (b) of REACH (see also our REACH declaration). We confirm that no Allergens that are recognised by the EU FIC and FDA are used in the production of our products.

Overall Migration Testing

All migration testing has been carried out by a UKAS accredited testing laboratory.

Simulant	Conditions	Migration (mg/dm^2)	OML (mg/dm^2)
Olive Oil	4 Hours at 20°C	<3	10
95% Ethanol	24 Hours at 40°C	<1	10
Iso-octane	4 Hours at 20°C	<3	10
3% Acetic Acid	24 Hours at 20°C	<2	10

Summary of results: The migration from the material was less than the maximum permitted by the Regulations and complies with the EU Regulation No. 10/2011 with amendments.

Specific Migration of Metals Testing

Method: Sample preparation in 3% acetic acid (w/v) in aqueous solution at 70°C for 2 hours with reference to EN 13130-1:2004; followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP).

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
Specific Migration of Barium	NO	0.25	1
Specific Migration of Cobalt	NO	0.03	0.05
Specific Migration of Cooper	NO	0.25	5
Specific Migration of Iron	NO	0.25	48
Specific Migration of Lithium	NO	0.5	0.6
Specific Migration of Manganese	NO	0.25	0.6
Specific Migration of Zinc	NO	0.5	25
Comment	PASS	-	-

Metal Detectability

This product is manufactured from electromagnetically detectable plastic compound. This compound contains evenly dispersed non-toxic detectable additives, making the material detectable by correctly calibrated metal detection systems. Metal detectability performance will vary based on, but not limited to the following factors:

- Calibration Levels
- Product Type (E.g. Wet, Dry, Frozen, Liquid)
- Aperture Dimensions
- Orientation

Orientation is a highly influential factor for the metal detectability of a contaminant that is non spherical, i.e. it will be easier to detect the contaminant when passing in one orientation compared to another - this is known as the orientation effect.

For this reason BST recommend that all our products be thoroughly tested on your metal detection systems by a trained and certified professional. It may be the case that your equipment needs to be re-calibrated in order to reliably detect this product. Such a professional should be available by contacting the manufacturer of your metal detection system.

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