

BST XDETECT® CERTIFICATE OF CONFORMITY

February 2019

BS Teasdale & Son Ltd trading as BST Detectable Products, hereby confirm that our XDETECT® PP-C detectable plastic in various colours is suitable for direct contact with food and meets the requirements of the following regulations:



EU Regulation 2023/2006/EC

on good manufacturing practice for materials and articles intended to come into contact with food



EU Regulation 1935/2004

on materials and articles intended to come into contact with food



EU Regulation 10/2011

as amended by 321/2011/EC on plastic materials and articles intended to come into contact with food



EU Regulation 1895/2005/EC

on the restriction of use of certain epoxy derivatives (BADGE, BFDGE, NOGE)

The following products are either entirely made of or contain components made of BST XDETECT® PP-C

- ✓ BST Detectapen® (All Models)
- ✓ BST Catering Knife Handles
- ✓ BST 1L & 2L Stackable Jugs
- ✓ BST Mini Spatula
- ✓ BST Palm Scrapers
- ✓ BST Hand Scrapers with Stainless Steel Blades
- ✓ BST Rigid Palm Scraper
- ✓ BST Tie ID Tags
- ✓ BST Detectaboard® Detectable Clipboard
- ✓ BST Detectabox® EURO Stacking Box
- ✓ BST Whiteboard Eraser
- ✓ BST Marker Pen Holder
- ✓ BST XDETECT® Bag Buster Test Piece
- ✓ BST Lightweight Hand Scoop
- ✓ BST 15L Mop Bucket
- ✓ BST Security Tags
- ✓ BST Measuring Scoop
- ✓ BST Bag Sealer
- ✓ BST Handy Box
- ✓ BST Retractable Marker
- ✓ BST Retainer Clips
- ✓ BST Kitchen Scissors
- ✓ BST Storage Trays
- ✓ BST ID Badge Holders
- ✓ BST Drinking Mug



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Statement of EU Food Contact Compliance

BST Detectable Products hereby declare that articles manufactured from BST XDETECT® are, according to EU regulations, authorised to come into direct contact with all types of foodstuffs at a maximum temperature of 40°C for a maximum time period of one hour.

Overall migration according to EU Commission Regulation (EU) No. 10 (2011) on plastic materials and articles intended to come into contact with food

PP-C-2013/393

Method	EN-1186-3 Migration into 10% v/v Ethanol (Simulant A)	EN-1186-3 Migration into 3% w/v Acetic Acid (Simulant B)	EN-1186-14§ Migration into Iso-octane (Substitute test)	EN-1186-14§ Migration into 95% Ethanol (Substitute test)
Replicate #1	0.2 mg/dm ²	0.5 mg/dm ²	19.4 mg/dm ²	0.8 mg/dm ²
Replicate #2	0.3 mg/dm ²	0.5 mg/dm ²	21.0 mg/dm ²	0.9 mg/dm ²
Replicate #3	0.0 mg/dm ²	0.3 mg/dm ²	20.8 mg/dm ²	0.6 mg/dm ²
Mean Result	0.2 mg/dm²	0.4 mg/dm²	20.4 mg/dm²	0.8 mg/dm²
EU Limit	10.0 mg/dm²	10.0 mg/dm²	#20.0 mg/dm²	10.0 mg/dm²
Tolerance	-	-	#6.0 mg/dm²	-.

To summarise the overall migration test results complies with the overall migration requirements given in EU Regulation 10/2011, as amended, with regards to use with all non-fatty foods, aqueous foods and fatty foods that require a reduction factor of 2 (or greater), as given in EU regulation 10/2011, as amended.

Statement of USA Food Contact Compliance

The polypropylene base resin used in XDETECT meets the FDA (Food and Drug Administration) requirements contained in the Code of Federal Regulations – latest revision (1/4-2011) - in 21 CFR 177.1520 (a) (3) (i) , (b) and (c) (3.1a). At the same time this base resin grade meets the FDA criteria in 21 CFR 177.1520 for food contact applications, excluding cooking, listed under conditions of use C through H in 21 CFR 176.170 (c), Table 2., and can be used in contact with all food types as listed in 21 CFR 176.170 (c), Table 1. Also the mineral additives and the pigments used are GRAS (Generally Recognized As Safe) or are FDA cleared under specific FDA citations.



Signed by John S Teasdale

Managing Director

5th February 2019

BS Teasdale & Son Ltd
T / A BST Detectable Products

DISCLAIMER

The information provided in this product specification sheet is based on our experience and knowledge to date and we believe it to be true and reliable. This information is intended as a guide for your use of our products, the use of which is entirely at your own discretion and risk. We, BS Teasdale & Son Ltd, cannot guarantee favourable results and assume no liability in connection with the use of our products. © 2016 BS Teasdale & Son Ltd. All Content, Data & Images are owned by BS Teasdale & Son Ltd and are protected by international copyright law.

