

BST XDETECT[®] CERTIFICATE OF CONFORMITY

16th January 2017

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

as amended up to 202/2014/EC on materials and articles intended to come into contact with food



EU Regulation 10/2011

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:

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| ✓ BST Detectapen [®] (All Models) | ✓ BST XDETECT Compound |
| ✓ BST Asset Management Tag Holders | ✓ BST Detectacalc [®] Pocket Calculator |
| ✓ BST Catering Knife Handles | ✓ BST Detectaboard [®] Detectable Clipboard |
| ✓ BST 1L & 2L Stackable Jugs | ✓ BST Detectabox [®] EURO Stacking Box |
| ✓ BST Mini Spatula | ✓ BST Whiteboard Eraser |
| ✓ BST 1.5, 2.5 & 3.5mm Palm Scrapers | ✓ BST Marker Pen Holder |
| ✓ BST Tie ID Tags | ✓ BST XDETECT [®] Test Piece |

Statement of EU Food Contact Compliance

BST Detectable Products hereby declare that articles manufactured from BST XDETECT[®] PP-C 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.



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

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-1186-3 Migration into Olive Oil (Simulant D2)
Replicate #1	0.5 mg/dm ²	0.1 mg/dm ²	2.6 mg/dm ²
Replicate #2	0.7 mg/dm ²	0.0 mg/dm ²	2.9 mg/dm ²
Replicate #3	0.8 mg/dm ²	0.2 mg/dm ²	3.3 mg/dm ²
Mean Result	0.7 mg/dm²	0.1 mg/dm²	2.9 mg/dm²
EU Limit	10.0 mg/dm²	10.0 mg/dm²	10.0 mg/dm²

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

Substance	Test Simulant	Test Temperature	Time	EU Limit	Migration
Barium	3% Acetic Acid	40°C	1 Hour	1000 µg/kg	146 µg/kg
Bis(2-ethylhexyl)phthalate DEHP	Olive Oil	40°C	1 Hour	1500 µg/kg	-
Bis(n-butyl)phthalate DBP	Olive Oil	40°C	1 Hour	300 µg/kg	-

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

16th January 2017

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.

