

Food Contact Statement – summary of results

For materials intended to come into contact with food

MANUFACTURER HPC Healthline UK Ltd, Colwood House,
158 Garth Road, Morden, Surrey, SM4 4LZ

PRODUCT DA01 – PE Over-sleeve (clear, white, red, blue)

BRAND NAME Shield

HPC Healthline UK Ltd hereby declares that the above mentioned products are in compliance with the rules of:

- Regulation (EC) 1935/2004 of the European Parliament and of the Council on materials and articles intended to come into contact with food.
- Foodstuffs and Animal Feed Code LFGB §§ 30 and 31.

and were manufactured in accordance with:

- The requirements of Commission Regulation (EC) No. 2023/2006 relating to manufacturing practice for materials and articles intended to come into contact with food.

and meet the demands of:

Commission Regulation (EU) No 10/2011 of the Commission of 14 January 2011 on materials and articles made of plastic which are intended to come into contact with food (L12/1 of January 2011) last amendment by Commission Regulation (EU) 2015/174 of 05 February 2015 (L30/2 of 06 February 2015).

and were examined in accordance with:

- Commission Regulation (EU) No 10/2011 of 14 January Annex III and Annex V for selection of condition and EN1186 parts 1, 2, 3 for test method (materials and articles in contact with foodstuffs – plastics).
- Robinson's test with reference to DIN 10955:1983(2004)
 - » Test condition: room temperature – 24 hours
 - » Test media: Distilled water
 - » No. of panellist: five
- Sample preparation in distilled water at 100°C for 2 hours, with reference to EN1186-1:2002, followed by analysis using Inductively Coupled Argon Plasma Spectrometry.
 - » Acid digestion, followed by analysis using Inductively Coupled Argon Plasma Spectrometry.

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Test Results:

Overall Migration Test:

Simulant Used	Unit	Test Condition	Limit mg/dm ²	Result mg/dm ²
3% Acetic Acid (W/V) Aqueous Solution	mg/dm ²	70°C : 2 hours	10	< 3
10% Ethanol (V/V) Aqueous Solution	mg/dm ²	70°C : 2 hours	10	4
20% Ethanol (V/V) Aqueous Solution	mg/dm ²	70°C : 2 hours	10	< 3
50% Ethanol (V/V) Aqueous Solution	mg/dm ²	70°C : 2 hours	10	4
Rectified Olive Oil	mg/dm ²	70°C : 2 hours	10	5

Specific Migration of Heavy Metal:

Test Item	Limit mg/kg	MDL mg/kg	Result mg/kg
Extractable Barium	1.0	0.5	n.d
Extractable Cobalt	0.05	0.02	n.d
Extractable Copper	5.0	1.0	n.d
Extractable Iron	48.0	2.0	n.d
Extractable Lithium	0.6	0.2	n.d
Extractable Manganese	0.6	0.2	n.d
Extractable Zinc	25.0	2.0	n.d

n.d.: none detected

MDL: Method Detection Limit

The Shield DA01 polyethylene over sleeves may be used safely in the food industry during the preparation and handling of food and may stand in direct contact with all types of foodstuffs if used as intended.

This declaration is supported by Test Report CGZ3131012-02991-C issued by – CTS – Centre of Testing Service International, Ningbo, China.

QA and Regulatory Affairs

05 January 2016

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