

## Polyethylene film Type specification

Confidential

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<b>Type:</b>	33824
<b>Surface treatment:</b>	Treated for printing
<b>Quality:</b>	Polyethylene monofilm
<b>Melt Index:</b>	approx. 0.9 g/10 min 190°C, 2.16 kg ASTM 1238
<b>Density:</b>	approx. 0.92 g/cm <sup>3</sup> ASTM-D 1505
<b>Film thickness:</b>	0.070 – 0.100 mm
<b>Coefficient of friction:</b>	-
<b>Colour:</b>	Natural
<b>Opacity:</b>	-

## **Legislation**

The above product meets the requirements for food packaging material of the following Recommendations / Legislations:

- BfR** Bedarfsgegenständeverordnung vom 23.12.1997 in der Fassung vom 11.10.2010, sowie BfR-Empfehlungen.  
Gesundheitliche Beurteilung von Kunststoffen im Rahmen des Lebensmittel- und Bedarfsgegenständegesetzes (BfR): Empfehlung III : Polyethylen Stand 01.01.2010.
- FDA** Title 21 CFR Chapter I - Food and Drug Administration, Paragraph 177.1520 (Olefin polymers).
- EU** Commission Regulation (EC) No 1935/2004 and 2023/2006, and Commission Regulation (EC) No 10/2011 as amended by 321/2011, 1282/2011, 1183/2012, 202/2014 and 174/2015.

## **Raw material documentation**

Plastic materials intended for contact with foodstuff are subjected to an Overall Migration Limit (OML) of 10 mg/dm<sup>2</sup>. The OML of relevant samples is tested, and test results are all well below the admitted limit of 10 mg/dm<sup>2</sup>.

A number of substances with defined specific restrictions are regulated by Regulation 10/2011. Tests made by our suppliers show that specific migration limits (SML) are not exceeded. And calculations based on "worse case scenario", made by Ulfoss Plastic A/S show that specific migration limits for the non-fatty food simulants 3% acetic acid and 10% ethanol and for the fatty food simulant olive oil, are not exceeded in film < 0.250 mm thick.

This product is suitable for contact with all types of food (watery-, acid-, alcoholic- and fatty foods) and for indefinite storage time at refrigerated and frozen conditions and at room temperature, including heating up to 70°C for up to 2 hours, or heating up to approx. 100°C for up to 15 minutes.

Please note that it is the responsibility of the manufactures of finished food contact articles to make sure that these articles are in compliance with the migration requirements.

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**Ulfoss Plastic A/S**  
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