Manufacturer website: https://www.ineos.com/businesses/ineos-olefins-polymers/

Eltex® A4009MFN1325

Product Technical Information

Eltex® A4009MFN1325 is a high density polyethylene. It is a homopolymer with a narrow molecular weight distribution primarily intended for the extrusion of monofilaments.

Applications

- Extrusion of monofilaments
- High tenacity tapes
- Cereal liners film
- Injection moulding
- Blow-moulding for food packaging

Benefits and Features

- High tenacity monofilaments and tapes
- Very low gel content
- Superior processability & surface quality
- Very low MVTR (Moisture Vapour Transmission Rate)

Properties		Test Method	Value	Units
Physical				
Density @ 23°C		ISO 1183/A	960	kg/
Melt Flow Rate	190°C/2.16 kg	ISO 1133	0.9	g/10
Melt Flow Rate	190°C/5 kg	ISO 1133	2.8	g/10mi
Melt Flow Rate	190°C/21.6 kg	ISO 1133	36	g/10min
Apparent dynamic viscosity @ 190°C and 100 s^{-1}		-	1700	Pa.s
Thermal				
Melting point (DSC – 2nd heating)		ISO 11357-3	136	°C

- The values given are typical values measured on the product. These values should not be considered as specifications

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Storage

The product should be stored in a dry and dust free environment at temperature below 50°C. Exposure to direct sunlight should be avoided as this may lead to product deterioration. It is advised to process the product within maximum one year after delivery.

Regulatory Information

The product and uses described herein may require global product registrations and notifications for chemical inventory listings, or for use in food contact or medical devices. For further information, send an email to psnohreg@ineos.com. Unless specifically indicated, the products mentioned herein are not suitable for applications in the medical or pharmaceutical sector.

Health and Safety Information

The product described herein may require precautions in handling. The available product health and safety information for this material is contained in the Material Safety Data Sheet (MSDS) that may be obtained from the website www.ineospolyolefins.com . Before using any material, a customer is advised to consult the MSDS for the product under consideration for use.

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