

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 – 2 nd heating)		ISO 11357-3	136	°C

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

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.