

Eltex® A4009MFN1325

High Density Polyethylene
INEOS Olefins & Polymers Europe

Message:

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

Appliations:

- extrusion of monofilaments
- high tenacity tapes
- ceral liner films
- injection molding

Blow-moulding for food packaging

Benefits and Features:

- high tenacity monofilaments and tapes
- very low content
- superior processability & surface quality
- very low MVTR (moisture vapor transmission rate)

General Information			
Features	Good Processability		
	Good Surface Finish		
	High Tensile Strength		
	Homopolymer		
	Low Gel		
	Low Moisture Vapor Transmission		
	Narrow Molecular Weight Distribution		
Uses	Blow Molding Applications		
	Film		
	Food Packaging		
	Monofilaments		
	Tape		
RoHS Compliance	Contact Manufacturer		
Forms	Pellets		
Processing Method	Blow Molding		
	Filament Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ISO 1183/A
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/2.16 kg	0.90	g/10 min	
190°C/21.6 kg	36	g/10 min	

190°C/5.0 kg	2.8	g/10 min	
Thermal	Nominal Value	Unit	Test Method
Melting Temperature ¹	136	°C	ISO 11357-3
Additional Information	Nominal Value	Unit	
Apparent Dynamic Viscosity ² (190°C)	1700000	mPa · s	
NOTE			
1.	2nd heating		
2.	100 1/s		

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