

TOTAL Polyethylene LDPE 1022 FH 24

Low Density Polyethylene

TOTAL Refining & Chemicals

Message:

LDPE 1022 FH 24 is a low density polyethylene produced by a high pressure process.

LDPE 1022 FH 24 is a slip and anti-block formulated grade.

LDPE 1022 FH 24 is suited to many applications in the field of consumer, industrial, food or hygiene packaging such as bags, lamination and coextrusion film.

General Information	
Additive	Antiblock (750 ppm) 2 Erucamide Slip (750 ppm)
Features	Antiblocking Slip
Uses	Bags Consumer Applications Film Food Packaging Industrial Applications Laminates Packaging
Processing Method	Blown Film Coextruded Film

Physical	Nominal Value	Unit	Test Method
Density	0.923	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.3	g/10 min	ISO 1133
Films	Nominal Value	Unit	Test Method
Film Thickness - Recommended / Available	20 to 150 µm		
Tensile Stress			ISO 527-3
MD : Yield, 40 µm, Blown Film	12.0	MPa	
TD : Yield, 40 µm, Blown Film	11.5	MPa	
MD : Break, 40 µm, Blown Film	22.0	MPa	
TD : Break, 40 µm, Blown Film	20.0	MPa	
Tensile Elongation			ISO 527-3
MD : Break, 40 µm, Blown Film	350	%	
TD : Break, 40 µm, Blown Film	580	%	

Dart Drop Impact (40 μm, Blown Film)	95	g	ISO 7765-1
Elmendorf Tear Strength ¹			ISO 6383-2
MD : 40.0 μm	72.0	kN/m	
TD : 40.0 μm	60.0	kN/m	
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	94.0	°C	ISO 306
Melting Temperature	109	°C	ISO 11357-3
Optical	Nominal Value	Unit	Test Method
Haze (40.0 μm, Blown Film)	8.0	%	ISO 14782
Extrusion	Nominal Value	Unit	
Melt Temperature	150 to 190	°C	
NOTE			

1. Blown Film

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