

Total Finathene® HL 328 HDPE resin (discontinued **)

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , MDPE , Medium Density Polyethylene (MDPE), Extruded

Material Notes:

Applications: Specialty merchandise bags, millinery/notion bags, mailing envelopes, heavy-duty shipping sacks, shrink films, fresh cut produce packaging, coextrusion. Information provided by Total Petrochemicals. Total Petrochemicals includes former Fina and Atofina plastics product lines.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Total-Finathene-HL-328-HDPE-resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.937 g/cc	0.0339 lb/in ³	ASTM D 792
Water Vapor Transmission	10.86 g/m ² /day	0.6994 g/100 in ² /day	E 96/66
Thickness	25.4 microns	1.00 mil	
Melt Flow	0.28 g/10 min @Load 2.16 kg	0.28 g/10 min @Load 4.76 lb	ASTM D 1238
High Load Melt Index	20 g/10 min @Load 21.6 kg	20 g/10 min @Load 47.6 lb	ASTM D 1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	24.1 MPa	3500 psi	ASTM D 882 A
Film Tensile Strength at Yield, TD	24.1 MPa	3500 psi	ASTM D 882 A
Film Elongation at Break, MD	600 %	600 %	ASTM D 882 A
Film Elongation at Break, TD	700 %	700 %	ASTM D 882 A
Elmendorf Tear Strength MD	50 g	50 g	ASTM D 1922
Elmendorf Tear Strength TD	500 g	500 g	ASTM D 1992
Dart Drop Test	130 g	0.287 lb	ASTM D 1709 A
Film Tensile Strength at Break, MD	>= 40.7 MPa	>= 5900 psi	ASTM D 882A
Film Tensile Strength at Break, TD	>= 34.5 MPa	>= 5000 psi	ASTM D 882 A

Thermal Properties	Metric	English	Comments
Melting Point	126 °C	259 °F	ASTM D3417

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