

Huntsman Rexell® L8404 Cast Film Extrusion LLDPE (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Film Grade

Material Notes:

Linear-low density copolymer, and FDA compliant. Applications: Blown film extrusion: general purpose. Film properties based on 1.0 guage (25 µm) thickness; blow-up ratio 2:1. Information provided by Huntsman Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Huntsman-Rexell-L8404-Cast-Film-Extrusion-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	1.0 g/10 min	1.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	620 %	620 %	ASTM D882
Film Elongation at Break, TD	870 %	870 %	ASTM D882
Secant Modulus, MD	0.248 GPa	36.0 ksi	ASTM D882
Secant Modulus, TD	0.324 GPa	47.0 ksi	ASTM D882
Elmendorf Tear Strength MD	270 g	270 g	ASTM D1922
Elmendorf Tear Strength TD	660 g	660 g	ASTM D1922
Elmendorf Tear Strength, MD	10.6 g/micron	270 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	26.0 g/micron	660 g/mil	ASTM D1922
Dart Drop	5.28 g/micron	134 g/mil	ASTM D1709
Dart Drop Test	134 g	0.295 lb	ASTM D1709
Film Tensile Strength at Break, MD	53.0 MPa	7690 psi	ASTM D882
Film Tensile Strength at Break, TD	45.0 MPa	6530 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	7.0 %	7.0 %	ASTM D1003
Gloss	75 %	75 %	at 45°; ASTM D523

Processing Properties	Metric	English	Comments
Melt Temperature	205 - 245 °C	401 - 473 °F	

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