

Huntsman Rexell® V8403 Cast Film Extrusion LLDPE (discontinued **)

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

Material Notes:

Linear-low very low density copolymer, blown film extrusion, FDA compliant Features: Excellent resistance to impact, puncturing, tearing, and flex cracking with good weld seal strength, hot tack, and sealability through contaminated surfaces. Applications: Sealing layer for bag-in-box films, coextrusion, and laminating films. 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-V8403-Cast-Film-Extrusion-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.914 g/cc	0.0330 lb/in ³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	1.1 g/10 min	1.1 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	530 %	530 %	ASTM D882
Film Elongation at Break, TD	>= 700 %	>= 700 %	ASTM D882
Secant Modulus, MD	0.131 GPa	19.0 ksi	ASTM D882
Secant Modulus, TD	0.152 GPa	22.0 ksi	ASTM D882
Elmendorf Tear Strength MD	400 g	400 g	ASTM D1922
Elmendorf Tear Strength TD	760 g	760 g	ASTM D1922
Elmendorf Tear Strength, MD	15.7 g/micron	400 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	29.9 g/micron	760 g/mil	ASTM D1922
Dart Drop	15.7 g/micron	400 g/mil	ASTM D1709
Dart Drop Test	400 g	0.882 lb	ASTM D1709
Film Tensile Strength at Break, MD	37.0 MPa	5370 psi	ASTM D882
Film Tensile Strength at Break, TD	>= 20.0 MPa	>= 2900 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	6.0 %	6.0 %	ASTM D1003
Gloss	73 %	73 %	at 45°; ASTM D523

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

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