

Huntsman Rexell® V8401 Cast Film Extrusion LLDPE (discontinued **)

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

Material Notes:

Ultra linear-low density copolymer, blown film extrusion, FDA compliant. Features: Excellent combination of flexibility, flex crack resistance, and low temperature properties. It also exhibits excellent sealing properties, good hot tack, and low sealing temperature. Applications: Sealing and abuse layer in coextruded multi-layer films, films with high filler content, and impact modifier in polyolefin blends. 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-V8401-Cast-Film-Extrusion-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.902 g/cc	0.0326 lb/in ³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	3.0 g/10 min	3.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	700 %	700 %	ASTM D882
Film Elongation at Break, TD	>= 700 %	>= 700 %	ASTM D882
Secant Modulus, MD	0.0760 GPa	11.0 ksi	ASTM D882
Secant Modulus, TD	0.0970 GPa	14.1 ksi	ASTM D882
Elmendorf Tear Strength MD	510 g	510 g	ASTM D1922
Elmendorf Tear Strength TD	850 g	850 g	ASTM D1922
Elmendorf Tear Strength, MD	20.1 g/micron	510 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	33.5 g/micron	850 g/mil	ASTM D1922
Dart Drop	17.3 g/micron	440 g/mil	ASTM D1709
Dart Drop Test	440 g	0.970 lb	ASTM D1709
Film Tensile Strength at Break, MD	23.0 MPa	3340 psi	ASTM D882
Film Tensile Strength at Break, TD	>= 12.0 MPa	>= 1740 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	4.0 %	4.0 %	ASTM D1003
Gloss	82 %	82 %	at 45°; ASTM D523

Optical Properties	Metric	English	Comments
Processing Properties	Metric	English	Comments
Melt Temperature	165 - 205 °C	329 - 401 °F	

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