

Huntsman Rexell® L3106 Blown Film Extrusion LLDPE (discontinued **)

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

Material Notes:

Linear-low density copolymer, cast film extrusion, FDA compliant. Features: Excellent processability with good sealing and optical properties. Applications: Blending resin and general purpose packaging. FDA Notes: Conforms to FDA regulation 21 CFR 177.1520 (c)3.2.a Film properties based on 0.95 guage (24 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-L3106-Blown-Film-Extrusion-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.919 g/cc	0.0332 lb/in ³	ASTM D1505
Thickness	24.1 microns	0.950 mil	
Melt Flow	6.6 g/10 min	6.6 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	560 %	560 %	ASTM D882
Film Elongation at Break, TD	690 %	690 %	ASTM D882
Secant Modulus, MD	0.110 GPa	16.0 ksi	ASTM D882
Secant Modulus, TD	0.124 GPa	18.0 ksi	ASTM D882
Elmendorf Tear Strength MD	270 g	270 g	ASTM D1922
Elmendorf Tear Strength TD	540 g	540 g	ASTM D1922
Elmendorf Tear Strength, MD	11.2 g/micron	284 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	22.4 g/micron	568 g/mil	ASTM D1922
Dart Drop	4.96 g/micron	126 g/mil	ASTM D1709
Dart Drop Test	120 g	0.265 lb	ASTM D1709
Film Tensile Strength at Break, MD	33.0 MPa	4790 psi	ASTM D882
Film Tensile Strength at Break, TD	17.0 MPa	2470 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	1.2 %	1.2 %	ASTM D1003
Gloss	90 %	90 %	at 45°; ASTM D523

Processing Properties	Metric	English	Comments
Melt Temperature	260 - 290 °C	500 - 554 °F	

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