

Huntsman Rexell® M3105 Blown Film Extrusion LLDPE (discontinued **)

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

Material Notes:

Linear-low medium density copolymer, cast film extrusion, FDA compliant. Features: Excellent combination of toughness, stiffness, and water vapor barrier with good temperature resistance. Applications: Diaper films, wrapping film, laminated films, and coextruded films for sterility in food and medical applications. FDA Notes: Conforms to FDA regulation 21 CFR 177.1520 (c)3.2.a. 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-M3105-Blown-Film-Extrusion-LLDPE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.936 g/cc	0.0338 lb/in ³	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	2.2 g/10 min	2.2 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	470 %	470 %	ASTM D882
Film Elongation at Break, TD	>= 700 %	>= 700 %	ASTM D882
Secant Modulus, MD	0.300 GPa	43.5 ksi	ASTM D882
Secant Modulus, TD	0.340 GPa	49.3 ksi	ASTM D882
Elmendorf Tear Strength MD	43 g	43 g	ASTM D1922
Elmendorf Tear Strength TD	760 g	760 g	ASTM D1922
Elmendorf Tear Strength, MD	1.69 g/micron	43.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	29.9 g/micron	760 g/mil	ASTM D1922
Dart Drop	2.52 g/micron	64.0 g/mil	ASTM D1709
Dart Drop Test	64.0 g	0.141 lb	ASTM D1709
Film Tensile Strength at Break, MD	50.0 MPa	7250 psi	ASTM D882
Film Tensile Strength at Break, TD	19.0 MPa	2760 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	2.6 %	2.6 %	ASTM D1003
Gloss	91 %	91 %	at 45°; ASTM D523

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

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China