

## Huntsman Rexell® L3103 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 optics and sealability with good toughness. Applications: Stretch wrap and coextruded film for general 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-L3103-Blown-Film-Extrusion-LLDPE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Huntsman-Rexell-L3103-Blown-Film-Extrusion-LLDPE-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.919 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D1505
Thickness	24.1 microns	0.950 mil	
Melt Flow	4.4 g/10 min	4.4 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	440 %	440 %	ASTM D882
Film Elongation at Break, TD	660 %	660 %	ASTM D882
Secant Modulus, MD	0.103 GPa	14.9 ksi	ASTM D882
Secant Modulus, TD	0.117 GPa	17.0 ksi	ASTM D882
Elmendorf Tear Strength MD	350 g	350 g	ASTM D1922
Elmendorf Tear Strength TD	540 g	540 g	ASTM D1922
Elmendorf Tear Strength, MD	14.5 g/micron	368 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	22.4 g/micron	568 g/mil	ASTM D1922
Dart Drop	5.79 g/micron	147 g/mil	ASTM D1709
Dart Drop Test	140 g	0.309 lb	ASTM D1709
Film Tensile Strength at Break, MD	26.0 MPa	3770 psi	ASTM D882
Film Tensile Strength at Break, TD	16.0 MPa	2320 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	0.90 %	0.90 %	ASTM D1003
Gloss	93 %	93 %	at 45°; ASTM D523

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

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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