

## Huntsman Rexell® L3102 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: Good impact and puncture resistance with excellent optics and sealability. Applications: Laminated and coextruded films for sealability in food packaging. 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-L3102-Blown-Film-Extrusion-LLDPE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Huntsman-Rexell-L3102-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	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	380 %	380 %	ASTM D882
Film Elongation at Break, TD	>= 700 %	>= 700 %	ASTM D882
Secant Modulus, MD	0.124 GPa	18.0 ksi	ASTM D882
Secant Modulus, TD	0.145 GPa	21.0 ksi	ASTM D882
Elmendorf Tear Strength MD	480 g	480 g	ASTM D1922
Elmendorf Tear Strength TD	740 g	740 g	ASTM D1922
Elmendorf Tear Strength, MD	18.9 g/micron	480 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	29.1 g/micron	740 g/mil	ASTM D1922
Dart Drop	4.88 g/micron	124 g/mil	ASTM D1709
Dart Drop Test	124 g	0.273 lb	ASTM D1709
Film Tensile Strength at Break, MD	42.0 MPa	6090 psi	ASTM D882
Film Tensile Strength at Break, TD	>= 18.0 MPa	>= 2610 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	0.70 %	0.70 %	ASTM D1003
Gloss	95 %	95 %	at 45°; ASTM D523

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

## Contact Songhan Plastic Technology Co.,Ltd.

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