

## Huntsman Rexell® L8102 Cast Film Extrusion LLDPE (discontinued \*\*)

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

### Material Notes:

Linear-low density copolymer with high slip and medium antiblock, general purpose blown film extrusion, FDA compliant. Features: Excellent combination of sealability, mechanical strength and optics. Applications: Sealing layer in coextruded films principally for food packaging. 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-L8102-Cast-Film-Extrusion-LLDPE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Huntsman-Rexell-L8102-Cast-Film-Extrusion-LLDPE-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in <sup>3</sup>	ASTM D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	1.0 g/10 min	1.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	600 %	600 %	ASTM D882
Film Elongation at Break, TD	>= 700 %	>= 700 %	ASTM D882
Secant Modulus, MD	0.138 GPa	20.0 ksi	ASTM D882
Secant Modulus, TD	0.159 GPa	23.1 ksi	ASTM D882
Elmendorf Tear Strength MD	360 g	360 g	ASTM D1922
Elmendorf Tear Strength TD	720 g	720 g	ASTM D1922
Elmendorf Tear Strength, MD	14.2 g/micron	360 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	28.3 g/micron	720 g/mil	ASTM D1922
Dart Drop	7.87 g/micron	200 g/mil	ASTM D1709
Dart Drop Test	200 g	0.441 lb	ASTM D1709
Film Tensile Strength at Break, MD	36.0 MPa	5220 psi	ASTM D882
Film Tensile Strength at Break, TD	>= 19.0 MPa	>= 2760 psi	ASTM D882

Optical Properties	Metric	English	Comments
Haze	11 %	11 %	ASTM D1003
Gloss	60 %	60 %	at 45°; ASTM D523

Processing Properties	Metric	English	Comments
Melt Temperature	205 - 245 °C	401 - 473 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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