

ExxonMobil LL 1001x26 Blown Film Resin

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

Material Notes:

Product Description: LL 1001 are butane LLDPE blown film resins having good draw down. Films made from LL 1001 resins exhibit good tensile and toughness properties. **Availability:** Latin America, North America and South America **Additive:** Antiblock: NoSlip: NoProcessing **Aid:** Yes **Thermal Stabilizer:** Yes **Applications:** Agricultural Film Bag in Box Barrier Food Packaging Blown Film Bread Bags Food packaging Form Fill and Seal Packaging Freezer Film Garment Film General Packaging Heavy Duty Bags Ice Bags Industrial Liners Industrial Packaging Lamination Film Liners Multilayer Packaging Film Packaging Films Produce Bags Refuse Bags Shoppers Stand Up Pouches Trash Bags Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LL-1001x26-Blown-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ExxonMobil Method
Melt Flow	1.0 g/10 min @Load 2.16 kg, Temperature 190 °C	1.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	9.65 MPa	1400 psi	ASTM D882
Film Tensile Strength at Yield, TD	9.65 MPa	1400 psi	ASTM D882
Film Elongation at Break, MD	570 %	570 %	ASTM D882
Film Elongation at Break, TD	850 %	850 %	ASTM D882
Puncture Energy	3.16 J	2.33 ft-lb	ExxonMobil
Elmendorf Tear Strength, MD	3.15 g/micron	80.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	15.7 g/micron	400 g/mil	ASTM D1922
Dart Drop	3.94 g/micron	100 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	53.1 MPa	7700 psi	ASTM D882
Film Tensile Strength at Break, TD	35.2 MPa	5100 psi	ASTM D882
1% Secant Modulus, MD	193 MPa	28000 psi	ASTM D882
1% Secant Modulus, TD	223 MPa	32300 psi	ASTM D882

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
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Optical Properties	Metric	English	Comments
Haze	15.3 %	15.3 %	ASTM D1003
Gloss	45 %	45 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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