

ExxonMobil LL 3001.32 Cast Film Resin

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

Material Notes:

Product Description: LL 3001.32 is a hexane copolymer LLDPE designed for the blown or cast film process. Films made from LL 3001.32 have outstanding tensile and toughness properties. The superior strength properties, along with excellent drawability, make this a very versatile packaging film resin.
Availability: Latin America, North America and South America
Additive: Antiblock: NoSlip: NoProcessing Aid:
No Thermal Stabilizer: Yes
Applications: Freezer FilmHeavy Duty BagsIce BagsTrash Bags
Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LL-300132-Cast-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 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	8.41 MPa	1220 psi	ASTM D882
Film Tensile Strength at Yield, TD	7.72 MPa	1120 psi	ASTM D882
Film Elongation at Break, MD	340 %	340 %	ASTM D882
Film Elongation at Break, TD	790 %	790 %	ASTM D882
Puncture Energy	3.28 J	2.42 ft-lb	ExxonMobil
Elmendorf Tear Strength, MD	11.8 g/micron	300 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	29.53 g/micron	750.0 g/mil	ASTM D1922
Dart Drop	3.15 g/micron	80.0 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	66.1 MPa	9590 psi	ASTM D882
Film Tensile Strength at Break, TD	38.2 MPa	5540 psi	ASTM D882
1% Secant Modulus, MD	119 MPa	17300 psi	ASTM D882
1% Secant Modulus, TD	145 MPa	21000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	124 °C	255 °F	Peak Melting Temperature; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	2.2 %	2.2 %	ASTM D1003
Gloss	89 %	89 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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