

ExxonMobil LL 1002.32 Cast Film Resin (discontinued **)

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

Material Notes:

LL 1002.32 is a butene LLDPE resin designed for the cast film process. Films made from LL 1002.32 have very good tensile and toughness properties. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LL-100232-Cast-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ExxonMobil Method
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	7.72 MPa	1120 psi	at 2% offset; ASTM D882
Film Tensile Strength at Yield, TD	6.96 MPa	1010 psi	at 2% offset; ASTM D882
Film Elongation at Break, MD	450 %	450 %	ASTM D882
Film Elongation at Break, TD	850 %	850 %	ASTM D882
Puncture Energy	2.71 J	2.00 ft-lb	ExxonMobil
Elmendorf Tear Strength, MD	1.48 g/micron	37.5 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	17.22 g/micron	437.5 g/mil	ASTM D1922
Dart Drop	3.44 g/micron	87.5 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	56.5 MPa	8190 psi	ASTM D882
Film Tensile Strength at Break, TD	28.8 MPa	4180 psi	ASTM D882
1% Secant Modulus, MD	109 MPa	15800 psi	ASTM D882
1% Secant Modulus, TD	125 MPa	18200 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	120 °C	248 °F	Peak Melting Temperature; ExxonMobil Method
Crystallization Temperature	104 °C	219 °F	ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze			ASTM D1003

Optical Properties	Metric	English	Comments
Gloss	92 %	92 %	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