

ExxonMobil LL 1235x70 Cast Film Resin (discontinued **)

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

Material Notes:

LL 1235x70 is a butene LLDPE with improved stiffness. It can be used alone or as a component in packaging and industrial film. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LL-1235x70-Cast-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ExxonMobil Method
Melt Flow	3.5 g/10 min	3.5 g/10 min	ASTM D1238
Slip Level	400 ppm	400 ppm	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	9.10 MPa	1320 psi	at 2% offset; ASTM D882
Film Tensile Strength at Yield, TD	8.76 MPa	1270 psi	at 2% offset; ASTM D882
Film Elongation at Break, MD	570 %	570 %	ASTM D882
Film Elongation at Break, TD	780 %	780 %	ASTM D882
Puncture Energy	1.36 J	1.00 ft-lb	ExxonMobil
Elmendorf Tear Strength, MD	0.984 g/micron	25.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	9.350 g/micron	237.5 g/mil	ASTM D1922
Dart Drop	<= 2.46 g/micron	<= 62.5 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	45.8 MPa	6640 psi	ASTM D882
Film Tensile Strength at Break, TD	24.3 MPa	3520 psi	ASTM D882
1% Secant Modulus, MD	166 MPa	24100 psi	ASTM D882
1% Secant Modulus, TD	172 MPa	25000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	122 °C	252 °F	Peak Melting Temperature; ExxonMobil Method
Crystallization Temperature	110 °C	230 °F	ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.4 %	1.4 %	ASTM D1003
Gloss	90 %	90 %	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