

ExxonMobil Escorene® LL-3201 LLDPE/Hexene Premium High Strength 1.2 mil Film, Stiff (discontinued **)

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

Material Notes:

Data provided by the manufacturer, Exxon Chemical. An LLDPE hexene copolymer film resin. Films made from this resin have outstanding tensile, stiffness and toughness properties. These superior properties along with the resin's good drawdown capability permit usage in many demanding packaging applications. Applications: Grocery sacks; Merchandise bags; Frozen food packaging; Heavy duty bags; Stretch film. Data for film properties below based on 1.2 mil film.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LL-3201-LLDPEHexene-Premium-High-Strength-12-mil-Film-Stiff-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	Exxon Method
Thickness	30.5 microns	1.20 mil	
Melt Flow	0.80 g/10 min	0.80 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	11.9 MPa	1730 psi	ASTM D882
Film Tensile Strength at Yield, TD	13.6 MPa	1970 psi	ASTM D882
Film Elongation at Break, MD	620 %	620 %	ASTM D882
Film Elongation at Break, TD	730 %	730 %	ASTM D882
Secant Modulus, MD	0.310 GPa	45.0 ksi	ASTM D882
Secant Modulus, TD	0.379 GPa	55.0 ksi	ASTM D882
Elmendorf Tear Strength MD	250 g	250 g	ASTM D1922
Elmendorf Tear Strength TD	750 g	750 g	ASTM D1922
Elmendorf Tear Strength, MD	8.19 g/micron	208 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	24.6 g/micron	625 g/mil	ASTM D1922
Dart Drop	4.76 g/micron	121 g/mil	F50; ASTM D1709
Dart Drop Test	145 g	0.320 lb	F50; ASTM D-1709
Film Tensile Strength at Break, MD	57.2 MPa	8300 psi	ASTM D882
Film Tensile Strength at Break, TD	47.3 MPa	6860 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	124 °C	255 °F	Exxon Method

Optical Properties	Metric	English	Comments
Haze	11 %	11 %	ASTM D1003
Gloss	50 %	50 %	45°, ASTM D-2457

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