

ExxonMobil LD 102.LC Thin Gauged Film Resin

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

Material Notes:

L Product Description: LD 102.LC is a formulated homopolymer, garment film resin with good toughness. It is capable of being drawdown to thing gauges.Availability: Latin America, North America and South America Additive: Antiblock: 3000 ppmSlip: 1200 ppmProcessing Aid: No Thermal Stabilizer: YesApplications: Blown FilmCast FilmCompoundingGarment FilmLaundry Film Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LD-102LC-Thin-Gauged-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in ³	ExxonMobil Method
Melt Flow	6.8 g/10 min @Load 2.16 kg, Temperature 190 °C	6.8 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	3000 ppm	3000 ppm	
Slip Level	1200 ppm	1200 ppm	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	9.65 MPa	1400 psi	ASTM D882
Film Tensile Strength at Yield, TD	10.3 MPa	1500 psi	ASTM D882
Film Elongation at Break, MD	210 %	210 %	ASTM D882
Film Elongation at Break, TD	520 %	520 %	ASTM D882
Puncture Energy	0.203 J	0.150 ft-lb	ExxonMobil Method
Elmendorf Tear Strength MD	530 g	530 g	ASTM D1922
Elmendorf Tear Strength TD	200 g	200 g	ASTM D1922
Dart Drop Test	60.0 g	0.132 lb	ASTM D1709
Film Tensile Strength at Break, MD	17.9 MPa	2600 psi	ASTM D882
Film Tensile Strength at Break, TD	20.7 MPa	3000 psi	ASTM D882
1% Secant Modulus, MD	179 MPa	26000 psi	ASTM D882
1% Secant Modulus, TD	207 MPa	30000 psi	ASTM D882

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

Optical Properties	Metric	English	Comments
Haze	7.8 %	7.8 %	ASTM D1003
Gloss	69 %	69 %	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