

ExxonMobil LDPE LD 136.MN Low Density Polyethylene Resin

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE

Material Notes:

Product Description: LD 136.MN is a homopolymer film resin with good clarity. The resin is suitable for processing on blown film equipment
Availability: Latin America, North America and South America
Additive: Antiblock: 1500 ppm Slip: 750 ppm
Thermal Stabilizer: Yes
Applications: Blend Partner Food Packaging Form Fill and Seal Packaging Produce Bags Textile Packaging
 Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-136MN-Low-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.921 g/cc	0.0333 lb/in ³	ExxonMobil method
Melt Flow	2.0 g/10 min @Load 2.16 kg, Temperature 190 °C	2.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	1500 ppm	1500 ppm	
Slip Level	750 ppm	750 ppm	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	10.3 MPa	1500 psi	ASTM D882
Film Tensile Strength at Yield, TD	10.3 MPa	1500 psi	ASTM D882
Film Elongation at Break, MD	130 %	130 %	ASTM D882
Film Elongation at Break, TD	540 %	540 %	ASTM D882
Puncture Energy	0.395 J	0.292 ft-lb	ExxonMobil Method
Elmendorf Tear Strength MD	460 g	460 g	ASTM D1922
Elmendorf Tear Strength TD	100 g	100 g	ASTM D1922
Dart Drop Test	110 g	0.243 lb	ASTM D1709A
Film Tensile Strength at Break, MD	25.5 MPa	3700 psi	ASTM D882
Film Tensile Strength at Break, TD	19.3 MPa	2800 psi	ASTM D882
1% Secant Modulus, MD	200 MPa	29000 psi	ASTM D882
1% Secant Modulus, TD	248 MPa	36000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 232 °C	<= 450 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	7.0 %	7.0 %	ASTM D1003
Gloss	66 %	66 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Puncture Force	6 lbf	ExxonMobil Method

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