

ExxonMobil LLDPE LL 1236.86 Linear Low Density Polyethylene Resin

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

Material Notes:

Product Description: LL 1236 Series resins are butane LLDPEs with increased stiffness and a high melt index. They can be used alone or as a component in packaging and industrial film, blown or cast. **Availability:** Latin America, North America and South America **Additive:** Antiblock: 6000 ppm Slip: 1500 ppm **Processing Aid:** Yes **Thermal Stabilizer:** Yes **Applications:** Blown Film Bread Bags Cast Film Food packaging Packaging Films Paper Overwrap Zipper Bag **Information provided by ExxonMobil**

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LLDPE-LL-123686-Linear-Low-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	ExxonMobil method
Melt Flow	3.6 g/10 min @Load 2.16 kg, Temperature 190 °C	3.6 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	6000 ppm	6000 ppm	
Slip Level	1500 ppm	1500 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	610 %	610 %	ASTM D882
Film Elongation at Break, TD	850 %	850 %	ASTM D882
Puncture Energy	1.58 J	1.17 ft-lb	ExxonMobil Method
Elmendorf Tear Strength MD	20 g	20 g	ASTM D1922
Elmendorf Tear Strength TD	300 g	300 g	ASTM D1922
Dart Drop Test	<= 50.0 g	<= 0.110 lb	ASTM D1709A
Film Tensile Strength at Break, MD	44.8 MPa	6500 psi	ASTM D882
Film Tensile Strength at Break, TD	24.1 MPa	3500 psi	ASTM D882
1% Secant Modulus, MD	200 MPa	29000 psi	ASTM D882
1% Secant Modulus, TD	214 MPa	31000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 253 °C	<= 487 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	1.1 %	1.1 %	ASTM D1003
Gloss	92 %	92 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Puncture Force	7 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