

ExxonMobil LDPE LD 361HF Low Density Polyethylene Resin

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

Material Notes:

Product Description: LD 361 series are LEVA LDPE grades, offering good mechanical and sealing properties. Several additive combinations are available according to the required surface properties. Availability: Africa & Middle East and Europe Additive: Antiblock: 1500 ppm Slip: 833 ppm Thermal Stabilizer: Yes Applications: Agricultural Film Co-Extrusion Films Foams Form Fill and Seal Packaging Freezer Film Lamination Film Poultry Bag Rice Bags Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-361HF-Low-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	ExxonMobil method
Melt Flow	0.50 g/10 min	0.50 g/10 min	ASTM D1238
Antiblock Level	1500 ppm	1500 ppm	
Slip Level	833 ppm	833 ppm	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	430 %	430 %	ASTM D882
Film Elongation at Break, TD	550 %	550 %	ASTM D882
Elmendorf Tear Strength MD	100 g	100 g	ASTM D1922
Elmendorf Tear Strength TD	130 g	130 g	ASTM D1922
Dart Drop Test	280 g	0.617 lb	ASTM D1709A
Film Tensile Strength at Break, MD	26.9 MPa	3900 psi	ASTM D882
Film Tensile Strength at Break, TD	26.2 MPa	3800 psi	ASTM D882
1% Secant Modulus, MD	159 MPa	23000 psi	ASTM D882
1% Secant Modulus, TD	179 MPa	26000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 219 °C	<= 426 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	10 %	10 %	ASTM D1003

<i>Gloss</i> Optical Properties	<i>52 %</i> Metric	<i>52 %</i> English	<i>45°- ASTM D2457</i> Comments
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