

ExxonMobil LDPE LD 362BR Low Density Polyethylene Resin

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

Material Notes:

Product Description: LD 362 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: 1000 ppm **Slip:** 750 ppm **Thermal Stabilizer:** Yes **Applications:** Agricultural Film Co-Extrusion Films Foams Form Fill and Seal Packaging Freezer Film High Clarity Film Lamination Film Poultry Bag Rice Bags Rubber Bale Wrap Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-LDPE-LD-362BR-Low-Density-Polyethylene-Resin.php

Physical Properties	Metric	English	Comments
Density	0.928 g/cc	0.0335 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	1000 ppm	1000 ppm	
Slip Level	750 ppm	750 ppm	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	310 %	310 %	ASTM D882
Film Elongation at Break, TD	520 %	520 %	ASTM D882
Elmendorf Tear Strength MD	90 g	90 g	ASTM D1922
Elmendorf Tear Strength TD	90 g	90 g	ASTM D1922
Dart Drop Test	170 g	0.375 lb	ASTM D1709A
Film Tensile Strength at Break, MD	28.3 MPa	4100 psi	ASTM D882
Film Tensile Strength at Break, TD	22.1 MPa	3200 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
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