

ExxonMobil Exceed™ 1327ED Metallocene Polyethylene Resin (European Grade)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Product Description: Exceed 1327ED is a metallocene ethylene-hexene copolymer. It produces films which have high modulus whilst retaining good toughness. Additionally, Exceed 1327ED is fully formulated with slip and antiblock, giving a versatile ready-to-use polymer for applications such as form fill and seal. **Availability:** Africa & Middle East and Europe **Additive:**Antiblock: 750 ppm Slip: 1250 ppm **Processing Aid:** Yes **Thermal Stabilizer:** Yes **Applications:** Bag in a Box Barrier Food Packaging Blown Film Bread Bags Food packaging Form Fill and Seal Packaging General Packaging Industrial Packaging Multilayer Packaging Film Overwrap Film Packaging Films Premium Trash Bags Shrink Film Stand Up Pouches Trash Bags Zipper Bag Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-1327ED-Metallocene-Polyethylene-Resin-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.927 g/cc	0.0335 lb/in ³	ExxonMobil method
Melt Flow	1.3 g/10 min @Load 2.16 kg, Temperature 190 °C	1.3 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	750 ppm	750 ppm	
Slip Level	1250 ppm	1250 ppm	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	530 %	530 %	ASTM D882
Film Elongation at Break, TD	620 %	620 %	ASTM D882
Elmendorf Tear Strength MD	280 g	280 g	ASTM D1922
Elmendorf Tear Strength TD	430 g	430 g	ASTM D1922
Dart Drop Test	180 g	0.397 lb	ASTM D1709
Film Tensile Strength at Break, MD	48.3 MPa	7000 psi	ASTM D882
Film Tensile Strength at Break, TD	39.3 MPa	5700 psi	ASTM D882
1% Secant Modulus, MD	303 MPa	44000 psi	ASTM D882
1% Secant Modulus, TD	317 MPa	46000 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	6.0 %	6.0 %	ASTM D1003
Gloss	12 %	12 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Puncture Force	14 lbf	ExxonMobil Method

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