

ExxonMobil Exceed™ 2227ED Metallocene Polyethylene Resin (European Grade)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Product Description: Exceed 2227ED is a metallocene ethylene-hexene copolymer. It offers an excellent balance of high modulus and impact strength. The higher melt index makes it ideally suited for LDPE rich blends
Availability: Africa & Middle East and Europe
Additive:Antiblock: 750 ppm
Slip: 1250 ppm
Processing Aid: Yes
Thermal Stabilizer: Yes
Applications:Blown Film Bread Bags Freezer Film Hygiene Film Overwrap Film
Packaging Films Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-2227ED-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	2.2 g/10 min @Load 2.16 kg, Temperature 190 °C	2.2 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	540 %	540 %	ASTM D882
Film Elongation at Break, TD	620 %	620 %	ASTM D882
Elmendorf Tear Strength MD	230 g	230 g	ASTM D1922
Elmendorf Tear Strength TD	450 g	450 g	ASTM D1922
Dart Drop Test	150 g	0.331 lb	ASTM D1709
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ASTM D882
Film Tensile Strength at Break, TD	37.2 MPa	5400 psi	ASTM D882
1% Secant Modulus, MD	338 MPa	49000 psi	ASTM D882
1% Secant Modulus, TD	331 MPa	48000 psi	ASTM D882

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

Optical Properties	Metric	English	Comments
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Optical Properties	Metric	English	Comments ¹³
Gloss	12 %	12 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Puncture Force	11 lbf	ExxonMobil Method

Contact Songhan Plastic Technology Co.,Ltd.

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