

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

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Product Description: Exceed 1327HA is a metallocene ethylene-hexene copolymer. Films made from Exceed 1327HA resin have excellent tensile, impact strength and puncture. These superior strength properties, along with excellent drawability, allow downgauging in bag applications. **Availability:** Africa & Middle East, Asia Pacific and Europe **Additive:** Antiblock: No Slip: No Processing Aid: Yes **Thermal Stabilizer:** Yes **Applications:** Bag in a Box Barrier Food Packaging Blown Film Food packaging Form Fill and Seal Packaging General Packaging Heavy Duty Bags Label Film Multilayer Packaging Film Overwrap Film Packaging Films Premium Trash Bags Produce Bags Shrink Film Stand Up Pouches Trash Bags Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-1327HA-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

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	12.4 MPa	1800 psi	ASTM D882
Film Tensile Strength at Yield, TD	13.8 MPa	2000 psi	ASTM D882
Film Elongation at Break, MD	600 %	600 %	ASTM D882
Film Elongation at Break, TD	730 %	730 %	ASTM D882
Elmendorf Tear Strength MD	170 g	170 g	ASTM D1922
Elmendorf Tear Strength TD	480 g	480 g	ASTM D1922
Dart Drop Test	140 g	0.309 lb	ASTM D1709
Film Tensile Strength at Break, MD	57.9 MPa	8400 psi	ASTM D882
Film Tensile Strength at Break, TD	49.6 MPa	7200 psi	ASTM D882
1% Secant Modulus, MD	303 MPa	44000 psi	ASTM D882
1% Secant Modulus, TD	331 MPa	48000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 252 °C	<= 486 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	40 %	40 %	ASTM D1003
Gloss	21 %	21 %	45°; ASTM D2457

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