

ExxonMobil Exceed™ 1018KB Metallocene Polyethylene Resin (European Grade)

Category : Polymer , Thermoplastic , Polyethylene (PE)

Material Notes:

Product Description: Exceed 1018KB is a metallocene ethylene-hexene copolymers. Films are made of Exceed 1018KB resin have outstanding tensile, impact strength and puncture. These superior strength properties, along with excellent drawability, allow downgauging in bag application. **Availability:** Africa & Middle East and Europe **Additive:** Antiblock: 2500 ppm Slip: 800 ppm **Processing Aid:** Yes **Thermal Stabilizer:** Yes **Applications:** Agricultural Film Bag in a Box Barrier Food Packaging Blown Film Bread Bags Food packaging Form Fill and Seal Packaging Freezer Film General Packaging Heavy Duty Bags Lamination Film Multilayer Packaging Film Overwrap Film Packaging Films Premium Trash Bags Stand Up Pouches Trash Bags Trash Can Liners

Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-1018KB-Metallocene-Polyethylene-Resin-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in³	ExxonMobil method
Melt Flow	1.0 g/10 min @Load 2.16 kg, Temperature 190 °C	1.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Antiblock Level	2500 ppm	2500 ppm	
Slip Level	800 ppm	800 ppm	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	9.65 MPa	1400 psi	ASTM D882
Film Tensile Strength at Yield, TD	9.65 MPa	1400 psi	ASTM D882
Film Elongation at Break, MD	500 %	500 %	ASTM D882
Film Elongation at Break, TD	600 %	600 %	ASTM D882
Elmendorf Tear Strength MD	250 g	250 g	ASTM D1922
Elmendorf Tear Strength TD	470 g	470 g	ASTM D1922
Dart Drop Test	590 g	1.30 lb	ASTM D1709
Film Tensile Strength at Break, MD	54.5 MPa	7900 psi	ASTM D882
Film Tensile Strength at Break, TD	42.7 MPa	6200 psi	ASTM D882
1% Secant Modulus, MD	186 MPa	27000 psi	ASTM D882
1% Secant Modulus, TD	193 MPa	28000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 247 °C	<= 477 °F	Peak Melting Point; ExxonMobil method

Optical Properties	Metric	English	Comments
Haze	18 %	18 %	ASTM D1003
Gloss	39 %	39 %	45°; ASTM D2457

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China