

## ExxonMobil Exceed™ 2018HA Metallocene Polyethylene Resin (European Grade)

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

**Product Description:** Exceed 2018HA is a metallocene Catalyzed ethylene-hexene copolymer. Films made from Exceed 2018HA have outstanding tensile, impact strength, and puncture. These superior strength properties, along with excellent drawability, makes this a very versatile packaging film resin. The higher melt index also makes this polymer ideally suited for blending into LDPE rich films. Availability: Africa & Middle East, Asia Pacific and Europe Additive: Antiblock: No Slip: No Processing Aid: Yes Thermal Stabilizer: Yes Applications: Bag in Box Barrier Food Packaging Blown Film Blown Stretch 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 Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Exceed-2018HA-Metallocene-Polyethylene-Resin-European-Grade.php](http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-2018HA-Metallocene-Polyethylene-Resin-European-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in <sup>3</sup>	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

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	8.96 MPa	1300 psi	ASTM D882
Film Tensile Strength at Yield, TD	8.96 MPa	1300 psi	ASTM D882
Film Elongation at Break, MD	590 %	590 %	ASTM D882
Film Elongation at Break, TD	700 %	700 %	ASTM D882
Elmendorf Tear Strength MD	330 g	330 g	ASTM D1922
Elmendorf Tear Strength TD	460 g	460 g	ASTM D1922
Dart Drop Test	670 g	1.48 lb	ASTM D1709
Film Tensile Strength at Break, MD	60.0 MPa	8700 psi	ASTM D882
Film Tensile Strength at Break, TD	55.8 MPa	8100 psi	ASTM D882
1% Secant Modulus, MD	165 MPa	24000 psi	ASTM D882
1% Secant Modulus, TD	179 MPa	26000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
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<b>Melting Point</b> Thermal Properties	<b>≤ 243 °C</b> Metric	<b>≤ 469 °F</b> English	<b>Peak Melting Point; ExxonMobil</b> Comments
<b>Optical Properties</b>	<b>Metric</b>	<b>English</b>	<b>Comments</b>
Haze	37 %	37 %	ASTM D1003
Gloss	18 %	18 %	45°; ASTM D2457

## Contact Songhan Plastic Technology Co.,Ltd.

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