

## ExxonMobil Exceed™ 1015HA Metallocene Polyethylene Resin

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

**Product Description:** Exceed 1015 mVLDPE resin is metallocene ethylene-hexene copolymer. Films made from Exceed 1015 mVLDPE have outstanding cold temperature toughness, impact strength and puncture. These superior strength properties, along with excellent heat sealing and hot tack performance, make this a very versatile packaging film resin. **Availability:** Latin America, North America and South America **Additive:**Antiblock: NoSlip: NoProcessing Aid: Yes **Thermal Stabilizer:** Yes **Applications:**Bag in BoxBarrier Food PackagingBlown FilmFood packagingForm Fill and Seal PackagingFreezer FilmHeavy Duty BagsIce BagsLamination FilmMultilayer Packaging Film Stand Up Pouches **Information provided by ExxonMobil**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Exceed-1015HA-Metallocene-Polyethylene-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-1015HA-Metallocene-Polyethylene-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.915 g/cc	0.0331 lb/in <sup>3</sup>	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

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	8.27 MPa	1200 psi	ASTM D882
Film Tensile Strength at Yield, TD	8.27 MPa	1200 psi	ASTM D882
Film Elongation at Break, MD	470 %	470 %	ASTM D882
Film Elongation at Break, TD	620 %	620 %	ASTM D882
Puncture Energy	4.52 J	3.33 ft-lb	ExxonMobil Method
Elmendorf Tear Strength MD	210 g	210 g	ASTM D1922
Elmendorf Tear Strength TD	360 g	360 g	ASTM D1922
Dart Drop Test	740 g	1.63 lb	ASTM D1709
Film Tensile Strength at Break, MD	64.1 MPa	9300 psi	ASTM D882
Film Tensile Strength at Break, TD	56.5 MPa	8200 psi	ASTM D882
1% Secant Modulus, MD	145 MPa	21000 psi	ASTM D882
1% Secant Modulus, TD	165 MPa	24000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
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Optical Properties	Metric	English	Comments
Haze	22 %	22 %	ASTM D1003
Gloss	33 %	33 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Puncture Force	12 lbf	ExxonMobil Method

## Contact Songhan Plastic Technology Co.,Ltd.

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