

## ExxonMobil Exceed™ 1327CA Metallocene Polyethylene Resin (European Grade)

Category : Polymer , Thermoplastic , Polyethylene (PE)

### Material Notes:

**Product Description:** Exceed 1327CA is a metallocene ethylene-hexene copolymers. It produces films which have high modulus whilst retaining good toughness. These properties together with excellent draw down provide a polymer ideally suited for down gauging of mono and multi layer blown film applications. **Availability:** Africa & Middle East and Europe **Additive:**Antiblock: NoSlip: No Processing Aid: Yes **Thermal Stabilizer:** Yes **Applications:** Bag in a BoxBarrier Food Packaging Blown Film Food packagingForm Fill and Seal PackagingGeneral Packaging Heavy Duty BagsLabel FilmMultilayer Packaging Film Overwrap FilmPackaging FilmsPremium Trash BagsProduce BagsShrink FilmStand Up PouchesTrash Bags Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Exceed-1327CA-Metallocene-Polyethylene-Resin-European-Grade.php](http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-1327CA-Metallocene-Polyethylene-Resin-European-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.927 g/cc	0.0335 lb/in <sup>3</sup>	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 Elongation at Break, MD	570 %	570 %	ASTM D882
Film Elongation at Break, TD	710 %	710 %	ASTM D882
Elmendorf Tear Strength MD	200 g	200 g	ASTM D1922
Elmendorf Tear Strength TD	480 g	480 g	ASTM D1922
Dart Drop Test	180 g	0.397 lb	ASTM D1709
Film Tensile Strength at Break, MD	66.9 MPa	9700 psi	ASTM D882
Film Tensile Strength at Break, TD	53.8 MPa	7800 psi	ASTM D882
1% Secant Modulus, MD	290 MPa	42000 psi	ASTM D882
1% Secant Modulus, TD	317 MPa	46000 psi	ASTM D882

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

Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	ASTM D1003

Optical Properties	Metric	English	Comments
Gloss	10°	10°	45° ASTM D2457

## Contact Songhan Plastic Technology Co.,Ltd.

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