

## ExxonMobil Exceed™ 1327CA Blown Film Resin (discontinued \*\*)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LLDPE , Linear Low Density Polyethylene (LLDPE), Blow Molding Grade

### Material Notes:

Exceed 1327CA resin is a hexene copolymer produced using ExxonMobil Chemicals EXXPOL® Technology. Films made from 1327CA resin have outstanding tensile, impact strength and puncture. These superior strength properties, along with excellent drawability, allow downgaging in bag applications. Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Exceed-1327CA-Blown-Film-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-1327CA-Blown-Film-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.927 g/cc	0.0335 lb/in <sup>3</sup>	ExxonMobil Method
Thickness	25.4 microns	1.00 mil	
Melt Flow	1.3 g/10 min	1.3 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	11.7 MPa	1700 psi	at 2% offset; ASTM D882
Film Tensile Strength at Yield, TD	13.1 MPa	1900 psi	at 2% offset; ASTM D882
Film Elongation at Break, MD	600 %	600 %	ASTM D882
Film Elongation at Break, TD	740 %	740 %	ASTM D882
Puncture Energy	2.71 J	2.00 ft-lb	Exxon Mobil Method
Coefficient of Friction, Dynamic	0.57	0.57	ExxonMobil Method
Coefficient of Friction, Static	0.68	0.68	ExxonMobil Method
Elmendorf Tear Strength, MD	6.30 g/micron	160 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	17.3 g/micron	440 g/mil	ASTM D1922
Dart Drop	5.51 g/micron	140 g/mil	ASTM D1709A
Film Tensile Strength at Break, MD	53.1 MPa	7700 psi	ASTM D882
Film Tensile Strength at Break, TD	49.0 MPa	7100 psi	ASTM D882
1% Secant Modulus, MD	202 MPa	29300 psi	ASTM D882
1% Secant Modulus, TD	333 MPa	48300 psi	ASTM D882

Thermal Properties	Metric	English	Comments
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Melting Point Thermal Properties	122 °C Metric	252 °F English	Peak Melting Temperature; DSC Method
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Optical Properties	Metric	English	Comments
Haze	32 %	32 %	ASTM D1003
Gloss	29 %	29 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Features	PPA and Thermal Stabilizer	

## Contact Songhan Plastic Technology Co.,Ltd.

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