

ExxonMobil Exceed™ 1318CA Blown Film Resin (discontinued **)

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

Material Notes:

Exceed 1318CA resin is a hexene copolymer produced using ExxonMobil Chemicals EXXPOL® Technology. Films made from 1318CA 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-1318CA-Blown-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ExxonMobil Method
Thickness	25.4 microns	1.00 mil	
Melt Flow	1.25 g/10 min	1.25 g/10 min	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	8.96 MPa	1300 psi	at 2% offset; ASTM D882
Film Tensile Strength at Yield, TD	9.65 MPa	1400 psi	at 2% offset; ASTM D882
Film Elongation at Break, MD	600 %	600 %	ASTM D882
Film Elongation at Break, TD	700 %	700 %	ASTM D882
Puncture Energy	3.84 J	2.83 ft-lb	Exxon Mobil Method
Elmendorf Tear Strength, MD	11.8 g/micron	300 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	16.5 g/micron	420 g/mil	ASTM D1922
Dart Drop	23.6 g/micron	600 g/mil	ASTM D1709A
Film Tensile Strength at Break, MD	62.1 MPa	9000 psi	ASTM D882
Film Tensile Strength at Break, TD	56.5 MPa	8200 psi	ASTM D882
1% Secant Modulus, MD	182 MPa	26400 psi	ASTM D882
1% Secant Modulus, TD	201 MPa	29100 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	118 °C	244 °F	Peak Melting Temperature; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	19 %	19 %	ASTM D1003
Gloss	33 %	33 %	45°, TD; ASTM D2457
	34 %	34 %	45°, MD; ASTM D2457

Descriptive Properties	Value	Comments
Features	PPA and Thermal Stabilizer	

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