

ExxonMobil Exceed™ 2018CA Blown Film Resin (discontinued **)

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

Material Notes:

Exceed 2018CA resin is an ethylene based polymer produced with metallocene single site catalysts using ExxonMobil Chemicals EXXPOL® Technology. The higher melt index makes this polymer ideally suited for blending into LDPE rich films as well as skin layer in coextrusion applications. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-2018CA-Blown-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in³	ExxonMobil Method
Thickness	25.4 microns	1.00 mil	
Melt Flow	2.0 g/10 min	2.0 g/10 min	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	600 %	600 %	ASTM D882
Film Elongation at Break, TD	730 %	730 %	ASTM D882
Elmendorf Tear Strength, MD	12.0 g/micron	305 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	16.0 g/micron	406 g/mil	ASTM D1922
Dart Drop	55.00 g/micron	1397 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	75.8 MPa	11000 psi	ASTM D882
Film Tensile Strength at Break, TD	65.5 MPa	9500 psi	ASTM D882
1% Secant Modulus, MD	169 MPa	24500 psi	ASTM D882
1% Secant Modulus, TD	179 MPa	26000 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	3.0 %	3.0 %	ASTM D1003
Gloss	13 %	13 %	60° angle; ASTM D2457

Descriptive Properties	Value	Comments
Features	PPA and Thermal Stabilizer	

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