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

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

Material Notes:

Exceed 2018EB 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.Information provided by ExxonMobil Chemical

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-2018EB-Blown-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in³	ASTM D4703 / D1505
Thickness	25.4 microns	1.00 mil	
Melt Flow	2.0 g/10 min	2.0 g/10 min	ASTM D1238
Antiblock Level	2500 ppm	2500 ppm	
Slip Level	750 ppm	750 ppm	

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	480 %	480 %	ASTM D882
Film Elongation at Break, TD	520 %	520 %	ASTM D882
Coefficient of Friction	0.22	0.22	ASTM D1894
Elmendorf Tear Strength, MD	11.0 g/micron	279 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	20.0 g/micron	508 g/mil	ASTM D1922
Dart Drop	30.0 g/micron	762 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ASTM D882
Film Tensile Strength at Break, TD	30.0 MPa	4350 psi	ASTM D882
1% Secant Modulus, MD	176 MPa	25500 psi	ASTM D882
1% Secant Modulus, TD	176 MPa	25500 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	118 °C	244 °F	Peak Melting Temperature; ASTM D3418

Optical Properties	Metric	English	Comments
Haze	6.0 %	6.0 %	ASTM D1003
Gloss	11 %	11 %	60° angle; ASTM D2457

Descriptive Properties	Value	Comments
Features	PPA and Thermal Stabilizer	

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