

ExxonMobil Exceed™ 2718CB Premium Cast Film Resin

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

Material Notes:

Exceed 2718CB resin is a hexene copolymer produced using ExxonMobil Chemicals Exxpol® Technology. Films made from 2718CB resin have outstanding tensile properties and impact and puncture toughness. These superior properties, along with excellent drawability, make this a versatile resin for both monolayer and multilayer cast stretch film. Availability: Europe, Latin America, North America and South America Additive: Antiblock: NoSlip: NoProcessing Aid: NoThermal Stabilizer: Yes Applications: Bag in Box Barrier Food Packaging Blown Film Cast Film Cast Stretch Film Diaper Backsheet Form Fill and Seal Packaging Hygiene Film Packaging Films Personal Care Premium Trash Bags Stand Up Pouches Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-2718CB-Premium-Cast-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.918 g/cc	0.0332 lb/in ³	ASTM D1505
Thickness	20.3 microns	0.800 mil	
Melt Flow	2.7 g/10 min	2.7 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	8.55 MPa	1240 psi	at 2% offset; ASTM D882
Film Tensile Strength at Yield, TD	7.86 MPa	1140 psi	at 2% offset; ASTM D882
Film Elongation at Break, MD	470 %	470 %	ASTM D882
Film Elongation at Break, TD	720 %	720 %	ASTM D882
Puncture Energy	4.18 J	3.08 ft-lb	Exxon Mobil Method
Elmendorf Tear Strength MD	170 g	170 g	ASTM D1922
Elmendorf Tear Strength TD	420 g	420 g	ASTM D1922
Elmendorf Tear Strength, MD	8.366 g/micron	212.5 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	20.7 g/micron	525 g/mil	ASTM D1922
Dart Drop	8.366 g/micron	212.5 g/mil	ASTM D1709
Dart Drop Test	170 g	0.375 lb	ASTM D1709
Film Tensile Strength at Break, MD	75.08 MPa	10890 psi	ASTM D882
Film Tensile Strength at Break, TD	51.4 MPa	7450 psi	ASTM D882
1% Secant Modulus, MD	109 MPa	15800 psi	ASTM D882

Mechanical Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Melting Point	117 °C	243 °F	Peak Melting Temperature; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.8 %	1.8 %	ASTM D1003
Gloss	91 %	91 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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