

ExxonMobil Exceed™ 363C32 LDPE/Hexene Premium Cast Stretch Film Resin (discontinued **)

Category : Polymer , Film , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A hexene copolymer produced using Exxon Chemical's EXXPOL® technology. Films made from EXCEED 363C32 resin have outstanding tensile properties and impact and puncture toughness. Applications: Cast stretch film.

Data for film properties below based on 0.8 mil film.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-363C32-LDPEHexene-Premium-Cast-Stretch-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 lb/in ³	Exxon Method
Thickness	20.3 microns	0.800 mil	
Melt Flow	2.5 g/10 min	2.5 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	7.40 MPa	1070 psi	ASTM D882
Film Tensile Strength at Yield, TD	7.40 MPa	1070 psi	ASTM D882
Film Elongation at Break, MD	390 %	390 %	ASTM D882
Film Elongation at Break, TD	650 %	650 %	ASTM D882
Secant Modulus, MD	0.123 GPa	17.8 ksi	ASTM D882
Secant Modulus, TD	0.141 GPa	20.5 ksi	ASTM D882
Elmendorf Tear Strength MD	160 g	160 g	ASTM D1922
Elmendorf Tear Strength TD	420 g	420 g	ASTM D1922
Elmendorf Tear Strength, MD	7.87 g/micron	200 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	20.7 g/micron	525 g/mil	ASTM D1922
Dart Drop	11.8 g/micron	300 g/mil	F50; ASTM D1709
Dart Drop Test	240 g	0.529 lb	F50; ASTM D-1709
Film Tensile Strength at Break, MD	72.0 MPa	10400 psi	ASTM D882
Film Tensile Strength at Break, TD	52.0 MPa	7540 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	115 °C	239 °F	Exxon Method

Optical Properties	Metric	English	Comments
Haze	1.3 %	1.3 %	ASTM D1003
Gloss	94 %	94 %	45°, ASTM D-2457

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