ExxonMobil Exceed™ 350D60 LDPE/Hexene Tough Premium 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 350D60 resin have outstanding tensile, impact strength and puncture.Applications: Shipping sacks; Heavy duty bags. Data for film properties below based on 3 mil film.

Order this product through the following link:
http://www.lookpolymers.com/polymer_ExxonMobil-Exceed-350D60-LDPEHexene-Tough-Premium-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.917 g/cc	0.0331 lb/in³	Exxon Method
Thickness	76.2 microns	3.00 mil	
Melt Flow	1.0 g/10 min	1.0 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	8.80 MPa	1280 psi	ASTM D882
Film Tensile Strength at Yield, TD	9.00 MPa	1310 psi	ASTM D882
Film Elongation at Break, MD	620 %	620 %	ASTM D882
Film Elongation at Break, TD	630 %	630 %	ASTM D882
Secant Modulus, MD	0.205 GPa	29.7 ksi	ASTM D882
Secant Modulus, TD	0.211 GPa	30.6 ksi	ASTM D882
Elmendorf Tear Strength MD	930 g	930 g	ASTM D1922
Elmendorf Tear Strength TD	1140 g	1140 g	ASTM D1922
Elmendorf Tear Strength, MD	12.2 g/micron	310 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	15.0 g/micron	380 g/mil	ASTM D1922
Dart Drop	>= 19.7 g/micron	>= 500 g/mil	F50; ASTM D1709
Dart Drop Test	>= 1500 g	>= 3.31 lb	F50; ASTM D1709
Film Tensile Strength at Break, MD	57.0 MPa	8270 psi	ASTM D882
Film Tensile Strength at Break, TD	55.0 MPa	7980 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	119 °C	246 °F	Exxon Method

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