

ExxonMobil Exceed™ 350D65 LDPE/Hexene Tough Premium Liner Film Resin, 0.8 mil Film (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 350D65 resin have outstanding tensile, impact strength and puncture. Applications: Trash bags; Liners; General packaging. 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-350D65-LDPEHexene-Tough-Premium-Liner-Film-Resin-08-mil-Film-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	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	8.70 MPa	1260 psi	ASTM D882
Film Elongation at Break, MD	475 %	475 %	ASTM D882
Film Elongation at Break, TD	550 %	550 %	ASTM D882
Secant Modulus, MD	0.175 GPa	25.4 ksi	ASTM D882
Secant Modulus, TD	0.189 GPa	27.4 ksi	ASTM D882
Coefficient of Friction	0.51	0.51	ASTM D1894
Elmendorf Tear Strength MD	165 g	165 g	ASTM D1922
Elmendorf Tear Strength TD	335 g	335 g	ASTM D1922
Elmendorf Tear Strength, MD	8.11 g/micron	206 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	16.5 g/micron	419 g/mil	ASTM D1922
Dart Drop	>= 49.2 g/micron	>= 1250 g/mil	F50; ASTM D1709
Dart Drop Test	>= 1000 g	>= 2.20 lb	F50; ASTM D1709
Film Tensile Strength at Break, MD	72.0 MPa	10400 psi	ASTM D882
Film Tensile Strength at Break, TD	57.0 MPa	8270 psi	ASTM D882

Mechanical Properties	Metric	English	Comments
Thermal Properties	Metric	English	Comments
Melting Point	118 °C	244 °F	Exxon Method

Optical Properties	Metric	English	Comments
Haze	15.1 %	15.1 %	ASTM D1003
Gloss	44 %	44 %	45°, ASTM D-2457

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