

ExxonMobil Escorene® LD 767.MJ Cast and Compounding Film Resin (discontinued **)

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Film Grade

Material Notes:

Escorene Ultra LD 767.MJ is a low gel 29.5% vinyl acetate copolymer designed for film and compounding applications. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-767MJ-Cast-and-Compounding-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in ³	ExxonMobil Method
Vinyl Acetate Content	29.5 %	29.5 %	ExxonMobil Method
Melt Flow	3.1 g/10 min	3.1 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	8.48 MPa	1230 psi	at 2% offset; ASTM D882
Film Tensile Strength at Yield, TD	2.69 MPa	390 psi	at 2% offset; ASTM D882
Film Elongation at Break, MD	330 %	330 %	ASTM D882
Film Elongation at Break, TD	880 %	880 %	ASTM D882
Film Elongation at Yield, MD	19.4 %	19.4 %	ASTM D882
Film Elongation at Yield, TD	9.5 %	9.5 %	ASTM D882
Elmendorf Tear Strength, MD	0.197 g/micron	5.00 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	9.06 g/micron	230 g/mil	ASTM D1922
Dart Drop	3.94 g/micron	100 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	31.9 MPa	4630 psi	ASTM D882
Film Tensile Strength at Break, TD	29.0 MPa	4200 psi	ASTM D882
1% Secant Modulus, MD	36.3 MPa	5270 psi	ASTM D882
1% Secant Modulus, TD	35.2 MPa	5100 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	71.1 °C	160 °F	Peak Melting Temperature; ExxonMobil Method

Vicat Softening Point Thermal Properties	46.1 °C Metric	115 °F English	ASTM D1525 Comments
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Optical Properties	Metric	English	Comments
Haze	5.0 %	5.0 %	ASTM D1003
Gloss	73 %	73 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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