

ExxonMobil Escorene® LD-768 High EVA Film and Compounding Resin (discontinued **)

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

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A low gel 27.5% vinyl acetate copolymer designed for film and compounding applications. The resin provides very low modulus films with high tensile strength and impact strength. Applications: Low modulus films; Elastic films; Compounding; Batch inclusion bags; Radio frequency weldable films. Data for film properties below based on 1.25 mil film.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-768-High-EVA-Film-and-Compounding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.951 g/cc	0.0344 lb/in ³	Exxon Method
Thickness	31.8 microns	1.25 mil	
Melt Flow	2.3 g/10 min	2.3 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	3.00 MPa	435 psi	ASTM D882
Film Tensile Strength at Yield, TD	2.00 MPa	290 psi	ASTM D882
Film Elongation at Break, MD	330 %	330 %	ASTM D882
Film Elongation at Break, TD	640 %	640 %	ASTM D882
Secant Modulus, MD	0.0300 GPa	4.35 ksi	ASTM D882
Secant Modulus, TD	0.0400 GPa	5.80 ksi	ASTM D882
Elmendorf Tear Strength MD	160 g	160 g	ASTM D1922
Elmendorf Tear Strength TD	30 g	30 g	ASTM D1922
Elmendorf Tear Strength, MD	5.04 g/micron	128 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	0.945 g/micron	24.0 g/mil	ASTM D1922
Dart Drop	12.9 g/micron	328 g/mil	F50; ASTM D1709
Dart Drop Test	410 g	0.904 lb	F50; ASTM D-1709
Film Tensile Strength at Break, MD	40.0 MPa	5800 psi	ASTM D882
Film Tensile Strength at Break, TD	40.0 MPa	5800 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	75.0 °C	167 °F	Exxon Method

Optical Properties	Metric	English	Comments
Haze	1.5 %	1.5 %	ASTM D1003
Gloss	80 %	80 %	45°, ASTM D-2457

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China