

ExxonMobil Escorene® LD-336 EVA Film Resin, Clarity, Very High Drawdown (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 3.5% vinyl acetate copolymer blown film resin capable of very high drawdown with excellent clarity. Applications: Very thin heat seal layers; Light weight bags. 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-336-EVA-Film-Resin-Clarity-Very-High-Drawdown-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in ³	Exxon Method
Thickness	31.8 microns	1.25 mil	
Melt Flow	6.5 g/10 min	6.5 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	5.00 MPa	725 psi	ASTM D882
Film Tensile Strength at Yield, TD	4.90 MPa	711 psi	ASTM D882
Film Elongation at Break, MD	300 %	300 %	ASTM D882
Film Elongation at Break, TD	550 %	550 %	ASTM D882
Secant Modulus, MD	0.110 GPa	16.0 ksi	ASTM D882
Secant Modulus, TD	0.117 GPa	17.0 ksi	ASTM D882
Elmendorf Tear Strength MD	150 g	150 g	ASTM D1922
Elmendorf Tear Strength TD	150 g	150 g	ASTM D1922
Elmendorf Tear Strength, MD	4.72 g/micron	120 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	4.72 g/micron	120 g/mil	ASTM D1922
Dart Drop	2.36 g/micron	60.0 g/mil	F50; ASTM D1709
Dart Drop Test	75.0 g	0.165 lb	F50; ASTM D-1709
Film Tensile Strength at Break, MD	23.0 MPa	3340 psi	ASTM D882
Film Tensile Strength at Break, TD	15.0 MPa	2180 psi	ASTM D882

Thermal Properties	Metric	English	Comments
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Melting Point	105 °C	221 °F	Extrud Method
Thermal Properties	Metric	English	Comments
Optical Properties	Metric	English	Comments
Haze	2.6 %	2.6 %	ASTM D1003
Gloss	86 %	86 %	45°, ASTM D-2457
Transmission, Visible	90 %	90 %	clear; thickness not quantified

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