

ExxonMobil Escorene® LD-725 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. An 18% vinyl acetate copolymer designed for specialty film and compounding applications. Outstanding sealability and low modulus are key attributes of products produced with this resin. Excellent filler acceptance produces highly loaded concentrates. Applications: Compounding; Electrical; Concentrates; Heat seal layer in coextruded or laminated structures.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-725-High-EVA-Film-and-Compounding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.939 g/cc	0.0339 lb/in ³	Exxon Method
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F50, Condition A; ASTM D1693
Melt Flow	2.1 g/10 min	2.1 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84	84	ASTM D2240
Hardness, Shore D	33	33	ASTM D2240
Tensile Strength, Ultimate	14.0 MPa	2030 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0540 GPa	7.83 ksi	1% Secant, ASTM D790
Tensile Impact Strength	627 kJ/m ²	298 ft-lb/in ²	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	86.0 °C	187 °F	Exxon Method
Vicat Softening Point	66.0 °C	151 °F	1000g; ASTM D-1525

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