

ExxonMobil Escorene® LD-730 High EVA Resin (discontinued **)

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

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A high vinyl acetate copolymer with a low melting temperature and excellent strength properties and toughness. Applications: Injection molding; Foams.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-730-High-EVA-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	0.70 g/10 min	0.70 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
Hardness, Shore D	39	39	ASTM D2240
Tensile Strength, Ultimate	16.0 MPa	2320 psi	ASTM D638
Tensile Strength, Yield	5.00 MPa	725 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0520 GPa	7.54 ksi	1% Secant, ASTM D790
Tensile Impact Strength	710 kJ/m ²	338 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	65.0 °C	149 °F	1000g; ASTM D-1525
Brittleness Temperature	<= -76.0 °C	<= -105 °F	ASTM D746

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