

ExxonMobil Escorene® LD-612 EVA Injection Molding Resin (discontinued **)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate; Molded/Extruded

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A 5.8% vinyl acetate copolymer resin designed for molding and extrusion applications requiring low temperatures, flexibility and toughness. This resin can also be considered for blending with homopolymer resins to improve their toughness. Applications: Large injection molded shapes.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-612-EVA-Injection-Molding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.926 g/cc	0.0335 lb/in ³	Exxon Method
Environmental Stress Crack Resistance	>= 1000 hour	>= 1000 hour	F50, Condition C; ASTM D1693
Melt Flow	2.1 g/10 min	2.1 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	33	33	ASTM D2240
Tensile Strength, Ultimate	16.0 MPa	2320 psi	ASTM D638
Tensile Strength, Yield	7.60 MPa	1100 psi	ASTM D638
Elongation at Break	1300 %	1300 %	ASTM D638
Flexural Modulus	0.140 GPa	20.3 ksi	1% Secant, ASTM D790
Tensile Impact Strength	2.50 kJ/m ²	1.19 ft-lb/in ²	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	96.0 °C	205 °F	Exxon Method

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