

ExxonMobil Escorene® LD-712 High EVA Film 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 fractional melt, 10% vinyl acetate copolymer specialty film resin for applications requiring outstanding heat sealability, strength and toughness. Applications: Liquid packaging; Heat seal layer in coex or laminated structures; Frozen food bags.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-712-High-EVA-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.931 g/cc	0.0336 lb/in ³	Exxon Method
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F50, Condition A; ASTM D1693
Melt Flow	0.35 g/10 min	0.35 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88	88	ASTM D2240
Hardness, Shore D	36	36	ASTM D2240
Tensile Strength, Ultimate	17.0 MPa	2470 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0960 GPa	13.9 ksi	1% Secant, ASTM D790
Tensile Impact Strength	669 kJ/m ²	318 ft-lb/in ²	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	97.0 °C	207 °F	Exxon Method
Vicat Softening Point	82.0 °C	180 °F	1000g; ASTM D-1525

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