

ExxonMobil Escorene® LD-720 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 high vinyl acetate copolymer specialty film resin designed for applications requiring outstanding heat sealability along with excellent strength properties and toughness. This resin is also used in specialized molding applications. Applications: Coextruded heat seal layer in food packaging film; Shoe soles (injection molded).

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-720-High-EVA-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.941 g/cc	0.0340 lb/in ³	Exxon Method
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F50, Condition A; ASTM D1693
Melt Flow	1.5 g/10 min	1.5 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	81	81	ASTM D2240
Hardness, Shore D	30	30	ASTM D2240
Tensile Strength, Ultimate	13.0 MPa	1890 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0530 GPa	7.69 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	85.0 °C	185 °F	Exxon Method
Vicat Softening Point	64.0 °C	147 °F	1000g; ASTM D-1525

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