

ExxonMobil Escorene® LD-722 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. A high vinyl acetate copolymer resin for specialty film and compounding applications. Outstanding heat sealability along with excellent strength properties are key attributes of films made from LD-722. Applications: Heat seal layer in blown and cast coextruded films; Pallet stretch wrap.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-722-High-EVA-Film-and-Compounding-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	Exxon Method
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F50, Condition A; ASTM D1693
Melt Flow	3.0 g/10 min	3.0 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Hardness, Shore D	29	29	ASTM D2240
Tensile Strength, Ultimate	12.0 MPa	1740 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0410 GPa	5.95 ksi	1% Secant, ASTM D790
Tensile Impact Strength	648 kJ/m ²	308 ft-lb/in ²	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	81.0 °C	178 °F	Exxon Method
Vicat Softening Point	57.0 °C	135 °F	1000g; ASTM D-1525

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