

## ExxonMobil Escorene® LD-740 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-740. Applications: Heat seal layer in coextruded and laminated structures; Compounding.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-LD-740-High-EVA-Film-and-Compounding-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-740-High-EVA-Film-and-Compounding-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in <sup>3</sup>	Exxon Method
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F50, Condition A; ASTM D1693
Melt Flow	5.5 g/10 min	5.5 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	81	81	ASTM D2240
Hardness, Shore D	31	31	ASTM D2240
Tensile Strength, Ultimate	17.0 MPa	2470 psi	ASTM D638
Tensile Strength, Yield	3.40 MPa	493 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0310 GPa	4.50 ksi	1% Secant, ASTM D790
Tensile Impact Strength	600 kJ/m <sup>2</sup>	286 ft-lb/in <sup>2</sup>	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	77.0 °C	171 °F	Exxon Method
Vicat Softening Point	52.0 °C	126 °F	1000g; ASTM D-1525
Brittleness Temperature	<= -76.0 °C	<= -105 °F	ASTM D746

## Contact Songhan Plastic Technology Co.,Ltd.

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