

**ExxonMobil Escorene® LD-781 High EVA Compounding Resin (discontinued \*\*)**

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

**Material Notes:**

Data provided by the manufacturer, Exxon Chemical. A 33% vinyl acetate copolymer for specialty compounding applications. The resin provides excellent stress cracking and flexibility, and allows outstanding sealability. Applications: Hot melt adhesives; Compounding.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-LD-781-High-EVA-Compounding-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-781-High-EVA-Compounding-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.954 g/cc	0.0345 lb/in <sup>3</sup>	Exxon Method
Environmental Stress Crack Resistance	>= 500 hour	>= 500 hour	F50, Condition A; ASTM D1693
Melt Flow	25 g/10 min	25 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	58	58	ASTM D2240
Hardness, Shore D	15	15	ASTM D2240
Tensile Strength, Ultimate	6.20 MPa	899 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.00900 GPa	1.31 ksi	1% Secant, ASTM D790
Tensile Impact Strength	502 kJ/m <sup>2</sup>	239 ft-lb/in <sup>2</sup>	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	67.0 °C	153 °F	Exxon Method
Vicat Softening Point	<= 23.0 °C	<= 73.4 °F	1000g; ASTM D-1525

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