

## ExxonMobil Escorene® LD 728.61 Molding, extrusion and compounding resin

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Extrusion/Coating Grade

### Material Notes:

Escorene Ultra LD 728.61 is a high vinyl acetate copolymer with low melting temperature and excellent strength properties and toughness. Availability: Latin America, North America and South America Additive: Thermal Stabilizer: Yes Applications: Foams Injection Molding Profile Extrusion Shoe Soles Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-LD-72861-Molding-extrusion-and-compounding-resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-72861-Molding-extrusion-and-compounding-resin.php)

Physical Properties	Metric	English	Comments
Density	0.935 g/cc	0.0338 lb/in <sup>3</sup>	ExxonMobil Method
Vinyl Acetate Content	18.2 %	18.2 %	ExxonMobil Method
Melt Flow	2.00 g/10 min @Load 2.16 kg, Temperature 190 °C	2.00 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	76	76	15s; ASTM D2240
Hardness, Shore D	36	36	15s; ASTM D2240
Tensile Strength at Break	11.7 MPa	1700 psi	ASTM D638
Tensile Strength, Yield	5.24 MPa	760 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Elongation at Yield	260 %	260 %	ASTM D638
Flexural Modulus	0.0607 GPa	8.80 ksi	1% secant; ASTM D790
Impact Test	17.6 J @Temperature 23.0 °C	13.0 ft-lb @Temperature 73.4 °F	Instrument Impact, Total Energy; ASTM D3763
	35.3 J @Temperature -40.0 °C	26.0 ft-lb @Temperature -40.0 °F	Instrumented Impact, Total Energy; ASTM D3763

Thermal Properties	Metric	English	Comments
Melting Point	87.2 °C	189 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	63.9 °C	147 °F	ASTM D1525

## **Contact Songhan Plastic Technology Co.,Ltd.**

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