

ExxonMobil Escorene® LD 713.93 Molding, extrusion and compounding resin

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

Material Notes:

Escorene Ultra LD 713.93 is a 14.4 wt% vinyl acetate copolymer with very good toughness, high clarity and excellent processability. It is suitable for use in making molded articles, extruded profiles and compounds. Availability: Latin America, North America and South America
Additive: Thermal Stabilizer: Yes Applications: Compounding Flexible Hoses Profile Extrusion Tube Extrusion Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-71393-Molding-extrusion-and-compounding-resin.php

Physical Properties	Metric	English	Comments
Density	0.933 g/cc	0.0337 lb/in ³	ExxonMobil Method
Vinyl Acetate Content	14.4 %	14.4 %	ExxonMobil Method
Melt Flow	3.50 g/10 min @Load 2.16 kg, Temperature 190 °C	3.50 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	15s; ASTM D2240
Hardness, Shore D	33	33	15s; ASTM D2240
Tensile Strength at Break	10.3 MPa	1500 psi	ASTM D638
Tensile Strength, Yield	5.52 MPa	800 psi	ASTM D638
Elongation at Break	750 %	750 %	ASTM D638
Elongation at Yield	170 %	170 %	ASTM D638
Flexural Modulus	0.0600 GPa	8.70 ksi	1% secant; ASTM D790
Impact Test	14.9 J @Temperature 23.0 °C	11.0 ft-lb @Temperature 73.4 °F	Instrument Impact, Total Energy; ASTM D3763
	29.8 J @Temperature -40.0 °C	22.0 ft-lb @Temperature -40.0 °F	Instrumented Impact, Total Energy; ASTM D3763

Thermal Properties	Metric	English	Comments
Melting Point	87.8 °C	190 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	62.8 °C	145 °F	ASTM D1525

Thermal Properties

Metric

English

Comments

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