

ExxonMobil Escorene® LD 755.12 Molding, extrusion and compounding resin

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

Material Notes:

Escorene Ultra LD 755.12 is a high vinyl acetate copolymer for specialty compounding applications and hot melt adhesives. Availability: Latin America, North America and South America Additive: Antiblock: No Slip: No Thermal Stabilizer: Yes Applications: Compounding Hot Melt Adhesives Master Base Resin Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-75512-Molding-extrusion-and-compounding-resin.php

Physical Properties	Metric	English	Comments
Density	0.952 g/cc	0.0344 lb/in ³	ExxonMobil Method
Vinyl Acetate Content	27.6 %	27.6 %	ExxonMobil Method
Melt Flow	25.0 g/10 min @Load 2.16 kg, Temperature 190 °C	25.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	15s; ASTM D2240
Hardness, Shore D	19	19	15s; ASTM D2240
Tensile Strength at Break	4.83 MPa	700 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0186 GPa	2.70 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
	25.8 J @Temperature -40.0 °C	19.0 ft-lb @Temperature -40.0 °F	Instrumented Impact, Total Energy; ASTM D3763

Thermal Properties	Metric	English	Comments
Melting Point	66.1 °C	151 °F	Peak Melting Temperature; ExxonMobil Method

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