

ExxonMobil Escorene® LD 725.21 Molding, extrusion, compounding and adhesive resin (discontinued **)

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

Material Notes:

Escorene Ultra LD 722.21 is 18 wt% vinyl acetate copolymer suitable for molding, extrusion, compounding and hot melt adhesive applications. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-72521-Molding-extrusion-compounding-and-adhesive-resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ExxonMobil Method
Vinyl Acetate Content	18 %	18 %	ExxonMobil Method
Melt Flow	2.1 g/10 min	2.1 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	15s; ASTM D2240
Hardness, Shore D	33	33	15s; ASTM D2240
Tensile Strength at Break	12.2 MPa	1770 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0645 GPa	9.35 ksi	1% secant; ASTM D790
Impact Test	19.0 J @Temperature 23.0 °C	14.0 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	87.2 °C	189 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	66.1 °C	151 °F	ASTM D1525

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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