

ExxonMobil Escorene™ LD 706.15 Molding Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Product Description: Escorene Ultra LD 706.15 is a 14.9 wt% vinyl acetate copolymer film resin designed for specialty molding, extrusion and compounding applications.
Availability: Latin America, North America and South America
Additive: Thermal Stabilizer: Yes
Applications: Cap Seals and Liners
Compounding Masterbatch Base Resin Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-70615-Molding-Ethylene-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.934 g/cc	0.0337 lb/in ³	ExxonMobil method
Vinyl Acetate Content	14.9 %	14.9 %	ExxonMobil method
Melt Flow	8.5 g/10 min @Load 2.16 kg, Temperature 190 °C	8.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79 @Time 15.0 sec	79 @Time 0.00417 hour	ASTM D2240
Hardness, Shore D	33 @Time 15.0 sec	33 @Time 0.00417 hour	ASTM D2240
Tensile Strength at Break	8.96 MPa	1300 psi	ASTM D638
Tensile Strength, Yield	5.31 MPa	770 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Elongation at Yield	130 %	130 %	ASTM D638
Flexural Modulus, 1% Secant	60.0 MPa	8700 psi	ASTM D790
Dart Drop, Total Energy	14.9 J @Temperature 22.8 °C	11.0 ft-lb @Temperature 73.0 °F	ASTM D3763
	27.1 J @Temperature -40.0 °C	20.0 ft-lb @Temperature -40.0 °F	ASTM D3763

Thermal Properties	Metric	English	Comments
Melting Point	<= 190 °C	<= 374 °F	Peak Melting Point; ExxonMobil method

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