

ExxonMobil Escorene™ LD 723.28 Molding Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Product Description: Escorene Ultra LD 723.28 is a 18.5 wt% vinyl acetate copolymer suitable for injection molding and compounding applications. Availability: Latin America, North America and South America Additive: Anitblock: No Slip: No Thermal Stabilizer: Yes

Applications: Compounding Extrusion Compounds Injection Molding Molding Compounds Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-72328-Molding-Ethylene-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ExxonMobil method
Vinyl Acetate Content	18.5 %	18.5 %	ExxonMobil method
Melt Flow	23 g/10 min @Load 2.16 kg, Temperature 190 °C	23 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75 @Time 15.0 sec	75 @Time 0.00417 hour	ASTM D2240
Hardness, Shore D	32 @Time 15.0 sec	32 @Time 0.00417 hour	ASTM D2240
Tensile Strength at Break	7.58 MPa	1100 psi	ASTM D638
Tensile Strength, Yield	4.55 MPa	660 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Elongation at Yield	150 %	150 %	ASTM D638
Flexural Modulus, 1% Secant	51.7 MPa	7500 psi	ASTM D790
Dart Drop, Total Energy	13.6 J @Temperature 22.8 °C	10.0 ft-lb @Temperature 73.0 °F	ASTM D3763
	24.4 J @Temperature -40.0 °C	18.0 ft-lb @Temperature -40.0 °F	ASTM D3763

Thermal Properties	Metric	English	Comments
Melting Point	<= 185 °C	<= 365 °F	Peak Melting Point; ExxonMobil method

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