

ExxonMobil Escorene™ LD 706.15 Cast 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 coextruded cast film applications.
Availability: Latin America, North America and South America
Additive:Antiblock: NoSlip: NoThermal Stabilizer: Yes
Applications:Heat Seal LayerMeat Packaging
 Information provided by ExxonMobil

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	0.935 g/cc	0.0338 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
Film Tensile Strength at Yield, MD	26.9 MPa	3900 psi	ASTM D882
Film Tensile Strength at Yield, TD	16.5 MPa	2400 psi	ASTM D882
Film Elongation at Break, MD	400 %	400 %	ASTM D882
Film Elongation at Break, TD	820 %	820 %	ASTM D882
Elmendorf Tear Strength MD	180 g	180 g	ASTM D1922
Elmendorf Tear Strength TD	210 g	210 g	ASTM D1922
Dart Drop Test	100 g	0.221 lb	ASTM D1709A
1% Secant Modulus, MD	60.0 MPa	8700 psi	ASTM D882
1% Secant Modulus, TD	66.2 MPa	9600 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 190 °C	<= 374 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	62.2 °C	144 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	0.70 %	0.70 %	ASTM D1003

Optical Properties	Metric	English	Comments
			45°, ASTM D2457

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