

ExxonMobil Escorene® LD 713.93 Blown Film Resin

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Film Grade

Material Notes:

Escorene Ultra LD 713.93 is a 14.4 wt% vinyl acetate copolymer film resin. Film made from LD 713.93 exhibits very high impact strength, high clarity, and excellent heat sealability. Availability: Latin America, North America and South America Additive: Antiblock: NoSlip: NoThermal Stabilizer: Yes Applications: Heat Seal Layer Meat Packaging Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-71393-Blown-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.933 g/cc	0.0337 lb/in ³	ExxonMobil Method
Vinyl Acetate Content	14.4 %	14.4 %	ExxonMobil Method
Thickness	31.8 microns	1.25 mil	
Melt Flow	3.50 g/10 min @Load 2.16 kg, Temperature 190 °C	3.50 g/10 min @Load 4.76 lb, Temperature 374 °F	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	300 %	300 %	ASTM D882
Film Elongation at Break, TD	730 %	730 %	ASTM D882
Elmendorf Tear Strength MD	80 g	80 g	ASTM D1922
Elmendorf Tear Strength TD	60 g	60 g	ASTM D1922
Dart Drop Test	320 g	0.706 lb	ASTM D1709A
Film Tensile Strength at Break, MD	31.0 MPa	4500 psi	ASTM D882
Film Tensile Strength at Break, TD	26.2 MPa	3800 psi	ASTM D882
1% Secant Modulus, MD	65.5 MPa	9500 psi	ASTM D882
1% Secant Modulus, TD	75.8 MPa	11000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	63.9 °C	147 °F	Peak Melting Temperature; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	1.5 %	1.5 %	ASTM D1003

Optical Properties	Metric	English	Comments
			45°, ASTM D2457

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