

## ExxonMobil Escorene® LD 713.93 Cast 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-Cast-Film-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-71393-Cast-Film-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.933 g/cc	0.0337 lb/in <sup>3</sup>	ExxonMobil Method
Vinyl Acetate Content	14.4 %	14.4 %	ExxonMobil Method
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	190 %	190 %	ASTM D882
Film Elongation at Break, TD	870 %	870 %	ASTM D882
Elmendorf Tear Strength, MD	7.68 g/micron	195 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	2.76 g/micron	70.0 g/mil	ASTM D1922
Dart Drop	1.97 g/micron	50.0 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	33.6 MPa	4880 psi	ASTM D882
Film Tensile Strength at Break, TD	19.0 MPa	2750 psi	ASTM D882
1% Secant Modulus, MD	110 MPa	15900 psi	ASTM D882
1% Secant Modulus, TD	101 MPa	14600 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	87.8 °C	190 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	63.9 °C	147 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	2.0 %	2.0 %	ASTM D1003

Optical Properties	Metric	English	Comments
			45, ASTM D2457

## Contact Songhan Plastic Technology Co.,Ltd.

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