

## ExxonMobil Escorene® LD-713 High EVA Film Resin (discontinued \*\*)

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

### Material Notes:

Data provided by the manufacturer, Exxon Chemical. A 15% vinyl acetate copolymer film resin. Film made from LD-713 exhibits very high impact strength, high clarity and excellent heat sealability. Applications: Meat packaging; Coextruded heat seal layer in food packaging film. Data for film properties below based on 1.25 mil film.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-LD-713-High-EVA-Film-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-713-High-EVA-Film-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.933 g/cc	0.0337 lb/in <sup>3</sup>	Exxon Method
Thickness	31.8 microns	1.25 mil	
Melt Flow	3.5 g/10 min	3.5 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	4.00 MPa	580 psi	ASTM D882
Film Tensile Strength at Yield, TD	3.00 MPa	435 psi	ASTM D882
Film Elongation at Break, MD	190 %	190 %	ASTM D882
Film Elongation at Break, TD	650 %	650 %	ASTM D882
Secant Modulus, MD	0.0700 GPa	10.2 ksi	ASTM D882
Secant Modulus, TD	0.0800 GPa	11.6 ksi	ASTM D882
Elmendorf Tear Strength MD	60 g	60 g	ASTM D1922
Elmendorf Tear Strength TD	50 g	50 g	ASTM D1922
Elmendorf Tear Strength, MD	1.89 g/micron	48.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	1.57 g/micron	40.0 g/mil	ASTM D1922
Dart Drop	9.45 g/micron	240 g/mil	F50; ASTM D1709
Dart Drop Test	300 g	0.662 lb	F50; ASTM D-1709
Film Tensile Strength at Break, MD	29.0 MPa	4210 psi	ASTM D882
Film Tensile Strength at Break, TD	24.0 MPa	3480 psi	ASTM D882

Thermal Properties	Metric	English	Comments
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Melting Point Thermal Properties	87.0 °C Metric	189 °F English	Exxon Method Comments
Optical Properties	Metric	English	Comments
Haze	3.0 %	3.0 %	ASTM D1003
Gloss	80 %	80 %	45°, ASTM D-2457

## Contact Songhan Plastic Technology Co.,Ltd.

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