

## ExxonMobil Escorene® LD 712.06 Film Resin (discontinued \*\*)

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

### Material Notes:

Escorene Ultra LD 712 series is a fraction melt index, 10 wt% vinyl acetate copolymer specialty film resin for applications requiring outstanding heat sealability, strength and toughness, particularly at low temperatures. Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-LD-71206-Film-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-71206-Film-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.931 g/cc	0.0336 lb/in <sup>3</sup>	ExxonMobil Method
Vinyl Acetate Content	10 %	10 %	ExxonMobil Method
Thickness	52.1 microns	2.05 mil	
Melt Flow	0.35 g/10 min	0.35 g/10 min	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	7.10 MPa	1030 psi	at 2% offset; ASTM D882
Film Tensile Strength at Yield, TD	6.21 MPa	900 psi	at 2% offset; ASTM D882
Film Elongation at Break, MD	360 %	360 %	ASTM D882
Film Elongation at Break, TD	640 %	640 %	ASTM D882
Film Elongation at Yield, MD	8.1 %	8.1 %	ASTM D882
Film Elongation at Yield, TD	6.1 %	6.1 %	ASTM D882
Elmendorf Tear Strength, MD	2.113 g/micron	53.66 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	1.920 g/micron	48.78 g/mil	ASTM D1922
Dart Drop	11.522 g/micron	292.67 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	34.1 MPa	4940 psi	ASTM D882
Film Tensile Strength at Break, TD	34.3 MPa	4970 psi	ASTM D882
1% Secant Modulus, MD	112 MPa	16200 psi	ASTM D882
1% Secant Modulus, TD	126 MPa	18300 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	97.8 °C	208 °F	Peak Melting Temperature; ExxonMobil Method

Thermal Properties	Metric	English	Comments
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Optical Properties	Metric	English	Comments
Haze	3.2 %	3.2 %	ASTM D1003
Gloss	80 %	80 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China