

## ExxonMobil Escorene® LD 721.IK Film Resin

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

### Material Notes:

Escorene Ultra LD 721 is a high vinyl acetate copolymer specialty film resin providing outstanding heat sealability, along with excellent strength properties and clarity. Availability: Latin America, North America and South America Additive: Antiblock: NoSlip: No Thermal Stabilizer: Yes Applications: Heat Seal Layer Stretch Film Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-LD-721IK-Film-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-721IK-Film-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in <sup>3</sup>	ExxonMobil Method
Vinyl Acetate Content	18.5 %	18.5 %	ExxonMobil Method
Melt Flow	2.50 g/10 min @Load 2.16 kg, Temperature 190 °C	2.50 g/10 min @Load 4.76 lb, Temperature 374 °F	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	320 %	320 %	ASTM D882
Film Elongation at Break, TD	740 %	740 %	ASTM D882
Elmendorf Tear Strength MD	50 g	50 g	ASTM D1922
Elmendorf Tear Strength TD	60 g	60 g	ASTM D1922
Dart Drop Test	310 g	0.684 lb	ASTM D1709A
Film Tensile Strength at Break, MD	37.2 MPa	5400 psi	ASTM D882
Film Tensile Strength at Break, TD	33.8 MPa	4900 psi	ASTM D882
1% Secant Modulus, MD	63.4 MPa	9200 psi	ASTM D882
1% Secant Modulus, TD	68.9 MPa	10000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	-7.78 °C	18.0 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	62.2 °C	144 °F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	1.4 %	1.4 %	ASTM D1003

Optical Properties	Metric	English	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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