

ExxonMobil Escorene® LD-708 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 15.5% vinyl acetate copolymer film resin. Film made from LD-708 exhibits good impact strength and superior heat sealability. Applications: Primal meat bags; Processed meat and cheese packaging. 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-708-EVA-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.935 g/cc	0.0338 lb/in ³	Exxon Method
Thickness	31.8 microns	1.25 mil	
Melt Flow	5.2 g/10 min	5.2 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	15.0 MPa	2180 psi	ASTM D882
Film Tensile Strength at Yield, TD	4.50 MPa	653 psi	ASTM D882
Film Elongation at Break, MD	190 %	190 %	ASTM D882
Film Elongation at Break, TD	760 %	760 %	ASTM D882
Secant Modulus, MD	0.136 GPa	19.7 ksi	ASTM D882
Secant Modulus, TD	0.100 GPa	14.5 ksi	ASTM D882
Elmendorf Tear Strength MD	320 g	320 g	ASTM D1922
Elmendorf Tear Strength TD	80 g	80 g	ASTM D1922
Elmendorf Tear Strength, MD	10.1 g/micron	256 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	2.52 g/micron	64.0 g/mil	ASTM D1922
Dart Drop	2.20 g/micron	56.0 g/mil	F50; ASTM D1709
Dart Drop Test	70.0 g	0.154 lb	F50; ASTM D-1709
Film Tensile Strength at Break, MD	34.0 MPa	4930 psi	ASTM D882
Film Tensile Strength at Break, TD	18.0 MPa	2610 psi	ASTM D882

Thermal Properties	Metric	English	Comments
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Melting Point Thermal Properties	88.0 °C Metric	190 °F English	Exxon Method Comments
Optical Properties	Metric	English	Comments
Haze	1.3 %	1.3 %	ASTM D1003
Gloss	87 %	87 %	45°, ASTM D-2457

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