

ExxonMobil Escorene® LD-734 High EVA Extrusion Coating Resin (discontinued **)

Category : Polymer , Film , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate; Molded/Extruded

Material Notes:

Data provided by the manufacturer, Exxon Chemical. A high vinyl acetate extrusion coating resin which provides outstanding heat sealability and high clarity. It has a good balance of drawability and neck-in and can be coextruded with homopolymer extrusion coating resins on most coextrusion coating lines. Applications: Heat seal layer for cheese packaging; Other extrusion coating applications requiring outstanding heat sealability; Sealing layers requiring improved caulking. 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-734-High-EVA-Extrusion-Coating-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	Exxon Method
Thickness	31.8 microns	1.25 mil	
Melt Flow	30 g/10 min	30 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	5.20 MPa	754 psi	ASTM D882
Film Tensile Strength at Yield, TD	3.90 MPa	566 psi	ASTM D882
Film Elongation at Break, MD	340 %	340 %	ASTM D882
Film Elongation at Break, TD	600 %	600 %	ASTM D882
Secant Modulus, MD	0.0560 GPa	8.12 ksi	ASTM D882
Secant Modulus, TD	0.0620 GPa	8.99 ksi	ASTM D882
Impact Test	1.50 J @Temperature 23.0 °C	1.11 ft-lb @Temperature 73.4 °F	Total Energy Dart
Elmendorf Tear Strength, MD	5.91 g/micron	150 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	6.69 g/micron	170 g/mil	ASTM D1922
Dart Drop	1.93 g/micron	49.0 g/mil	F50; ASTM D-1709
Film Tensile Strength at Break, MD	21.0 MPa	3050 psi	ASTM D882
Film Tensile Strength at Break, TD	12.0 MPa	1740 psi	ASTM D882

Thermal Properties	Metric	English	Comments
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Melting Point Thermal Properties	85.0 °C Metric	185 °F English	Exxon Method Comments
Optical Properties	Metric	English	Comments
Haze	5.1 %	5.1 %	ASTM D1003
Gloss	80 %	80 %	45°, ASTM D-2457

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