

ExxonMobil Escorene® LD 720.62 Specialty Film Resin

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

Material Notes:

Escorene Ultra LD 720 resins are high vinyl acetate copolymer specialty film resins designed for applications requiring outstanding heat sealability, along with excellent strength properties and toughness. These resins are also used in specialized molding applications. Availability: Latin America, North America and South America Additive: Antiblock: No Slip: No Thermal Stabilizer: Yes Applications: Heat Seal Layer Injection Molding Shoe Soles Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-LD-72062-Specialty-Film-Resin.php

Physical Properties	Metric	English	Comments
Density	0.941 g/cc	0.0340 lb/in ³	ExxonMobil Method
Vinyl Acetate Content	18.5 %	18.5 %	ExxonMobil Method
Melt Flow	1.60 g/10 min @Load 2.16 kg, Temperature 190 °C	1.60 g/10 min @Load 4.76 lb, Temperature 374 °F	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	180 %	180 %	ASTM D882
Film Elongation at Break, TD	650 %	650 %	ASTM D882
Elmendorf Tear Strength MD	40 g	40 g	ASTM D1922
Elmendorf Tear Strength TD	80 g	80 g	ASTM D1922
Dart Drop Test	370 g	0.816 lb	ASTM D1709A
Film Tensile Strength at Break, MD	26.9 MPa	3900 psi	ASTM D882
Film Tensile Strength at Break, TD	27.6 MPa	4000 psi	ASTM D882
1% Secant Modulus, MD	65.5 MPa	9500 psi	ASTM D882
1% Secant Modulus, TD	68.9 MPa	10000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	86.1 °C	187 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	62.2 °C	144 °F	ASTM D1525

Optical Properties	Metric	English	Comments
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Optical Properties	Metric	English	Comments ¹³
Gloss	49 %	49 %	45°; ASTM D2457

Contact Songhan Plastic Technology Co.,Ltd.

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