

ExxonMobil Escorene™ 768.MJ Blown Ethylene Vinyl Acetate Copolymer

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Product Description: Escorene Ultra UL 768.MJ is a low gel 26.2% vinyl acetate copolymer designed for film and compounding applications. This resin provides very low modulus films with high tensile strength and impact strength. Availability: Latin America, North America and South America Additive: Antiblock: NoSlip: NoThermal Stabilizer: Yes Applications:CompoundingBatch Inclusion BagsElastic FilmsHigh Frequency SealingInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-768MJ-Blown-Ethylene-Vinyl-Acetate-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.951 g/cc	0.0344 lb/in³	ExxonMobil method
Vinyl Acetate Content	26.2 %	26.2 %	ExxonMobil method
Melt Flow	2.3 g/10 min @Load 2.16 kg, Temperature 190 °C	2.3 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	450 %	450 %	ASTM D882
Film Elongation at Break, TD	730 %	730 %	ASTM D882
Elmendorf Tear Strength MD	40 g	40 g	ASTM D1922
Elmendorf Tear Strength TD	460 g	460 g	ASTM D1922
Dart Drop Test	460 g	1.01 lb	ASTM D1709A
Film Tensile Strength at Break, MD	35.2 MPa	5100 psi	ASTM D882
Film Tensile Strength at Break, TD	34.5 MPa	5000 psi	ASTM D882
1% Secant Modulus, MD	29.0 MPa	4200 psi	ASTM D882
1% Secant Modulus, TD	31.0 MPa	4500 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 165 °C	<= 329 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	47.8 °C	118 °F	ASTM D1525

Optical Properties	Metric	English	Comments
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Optical Properties	Metric	English	Comments ¹³
Gloss	80 %	80 %	45°; ASTM D2457

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