

ExxonMobil Escorene™ FL 00119 Ethylene Vinyl Acetate Copolymer (European Grade)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Product Description: FL 00119 is a copolymer of ethylene and vinyl acetate offering low gel. Availability: Africa & Middle East and Europe

Additive: Antiblock: NoSlip: NoThermal Stabilizer: Yes Applications:Agricultural FilmCo-Extrusion FilmsHigh Frequency

SealingInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-FL-00119-Ethylene-Vinyl-Acetate-Copolymer-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in ³	ExxonMobil method
Vinyl Acetate Content	19 %	19 %	ExxonMobil method
Melt Flow	0.65 g/10 min @Load 2.16 kg, Temperature 190 °C	0.65 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	600 %	600 %	ASTM D882
Film Elongation at Break, TD	650 %	650 %	ASTM D882
Film Tensile Strength at Break, MD	33.1 MPa	4800 psi	ASTM D882
Film Tensile Strength at Break, TD	30.3 MPa	4400 psi	ASTM D882
1% Secant Modulus, MD	53.8 MPa	7800 psi	ASTM D882
1% Secant Modulus, TD	55.8 MPa	8100 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 183 °C	<= 361 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	62.2 °C	144 °F	ASTM D1525

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