

ExxonMobil Escorene™ UL 00014 Ethylene Vinyl Acetate Copolymer (European Grade)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Product Description: UL 00014 is a fractional MI copolymer of ethylene and vinyl acetate. Availability: Africa & Middle East and Europe

Additive: Antiblock: NoSlip: No Thermal Stabilizer: Yes Applications: Agricultural Film Thick Film Wire and Cable Compounds Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-UL-00014-Ethylene-Vinyl-Acetate-Copolymer-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.937 g/cc	0.0339 lb/in ³	ExxonMobil method
Vinyl Acetate Content	14 %	14 %	ExxonMobil method
Melt Flow	2.5 g/10 min @Load 2.16 kg, Temperature 190 °C	2.5 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	33.8 MPa	4900 psi	ASTM D882
Film Tensile Strength at Break, TD	35.9 MPa	5200 psi	ASTM D882
1% Secant Modulus, MD	89.6 MPa	13000 psi	ASTM D882
1% Secant Modulus, TD	82.7 MPa	12000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 198 °C	<= 388 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	75.0 °C	167 °F	ASTM D1525

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