

ExxonMobil Escorene™ UL 00112 Ethylene Vinyl Acetate Copolymer (European Grade)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Product Description: UL 00112 is a fractional MI copolymer of ethylene and vinyl acetate. Availability: Africa & Middle East and Europe

Additive: Antiblock: NoSlip: No Thermal Stabilizer: No Applications: Agricultural Film Compounding 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-00112-Ethylene-Vinyl-Acetate-Copolymer-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.936 g/cc	0.0338 lb/in ³	ExxonMobil method
Vinyl Acetate Content	12 %	12 %	ExxonMobil method
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 190 °C	0.50 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	600 %	600 %	ASTM D882
Film Tensile Strength at Break, MD	30.3 MPa	4400 psi	ASTM D882
Film Tensile Strength at Break, TD	29.0 MPa	4200 psi	ASTM D882
1% Secant Modulus, MD	103 MPa	15000 psi	ASTM D882
1% Secant Modulus, TD	110 MPa	16000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	<= 205 °C	<= 401 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	79.4 °C	175 °F	ASTM D1525

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