

ExxonMobil Escorene™ FL 00206 Ethylene Vinyl Acetate Copolymer (European Grade)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Product Description: FL 00206 is a copolymer of ethylene and vinyl acetate. **Processing Conditions:** Processing temperatures above 280°C (536°F) may cause resin degradation. Machines should always be purged with LDPE or suitable cleaning compound before shutdown. **Availability:** Africa & Middle East and Europe **Additive:** Antiblock: NoSlip: NoThermal Stabilizer: No **Applications:** Co-Extrusion FilmsInjection Molding Form Fill and Seal PackagingSkin PackagingInformation provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-FL-00206-Ethylene-Vinyl-Acetate-Copolymer-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.925 g/cc	0.0334 lb/in³	ExxonMobil method
Vinyl Acetate Content	6.5 %	6.5 %	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
Hardness, Shore A	94	94	Molded Properties; ISO 868
Tensile Strength at Break	>= 0.689 MPa	>= 100 psi	Molded Properties; ISO 527-2/1A
Film Elongation at Break, MD	400 %	400 %	ASTM D882
Film Elongation at Break, TD	600 %	600 %	ASTM D882
Tensile Modulus	0.103 GPa	15.0 ksi	Molded Properties; ISO 527-2/1A/1
Elmendorf Tear Strength MD	130 g	130 g	ASTM D1922
Elmendorf Tear Strength TD	130 g	130 g	ASTM D1922
Dart Drop Test	280 g	0.617 lb	ASTM D1709A
Film Tensile Strength at Break, MD	24.1 MPa	3500 psi	ASTM D882
Film Tensile Strength at Break, TD	22.1 MPa	3200 psi	ASTM D882
1% Secant Modulus, MD	117 MPa	17000 psi	ASTM D882
1% Secant Modulus, TD	138 MPa	20000 psi	ASTM D882

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Melting Point	177.2 °C	351 °F	Melting Point; ExxonMobil method
Vicat Softening Point	81.1 °C	178 °F	ASTM D1525

Descriptive Properties	Value	Comments
Blending Temperature	280	

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