

## ExxonMobil Escorene™ FL 00909 Ethylene Vinyl Acetate Copolymer (European Grade)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

### Material Notes:

**Product Description:** FL 00909 is used in extrusion coating, cast film and co-extrusion. FL 00909 is good sealing material with good optical properties. **Processing Conditions:** Excellent results are obtained in extrusion coating at 250°C (482°F) temperature range. Processing temperatures above 270°C (513°F) may cause resin degradation. FL 00909 should be fed into the extruder after LDPE of a similar or higher melt index. Machines should always be purged with LDPE or a suitable cleaning compound before shutdown. **Availability:** Africa & Middle East and Europe **Additive:** Antiblock: NoSlip: No Thermal Stabilizer: No Applications: Adhesive Promoter Barrier Food Packaging **Coextrusion Coating Extrusion Coating Extrusion Lamination Flexible Packaging Injection Molding Information provided by ExxonMobil**

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-FL-00909-Ethylene-Vinyl-Acetate-Copolymer-European-Grade.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-FL-00909-Ethylene-Vinyl-Acetate-Copolymer-European-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.928 g/cc	0.0335 lb/in <sup>3</sup>	ExxonMobil method
Vinyl Acetate Content	9.4 %	9.4 %	ExxonMobil method
Melt Flow	9.0 g/10 min @Load 2.16 kg, Temperature 190 °C	9.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Neck In	6.10 cm @Temperature 250 °C	2.40 in @Temperature 482 °F	164 ft/min, constant output at 35 rpm; ExxonMobil Method
Drawdown	1.83 m/s @Temperature 250 °C	360 ft/min @Temperature 482 °F	Constant output at 35 rpm; ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	93 @Time 15.0 sec	93 @Time 0.00417 hour	Molded Properties; ISO 868
Tensile Strength at Break	>= 0.689 MPa	>= 100 psi	Molded Properties; ISO 527-2/1A/100
Tensile Modulus	0.0758 GPa	11.0 ksi	Molded Properties; ISO 527-2/1

Thermal Properties	Metric	English	Comments
Melting Point	<= 203 °C	<= 397 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	72.2 °C	162 °F	ASTM D1525

Descriptive Properties	Value	Comments
Blending Temperature	270	

## Contact Songhan Plastic Technology Co.,Ltd.

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