

## ExxonMobil Escorene™ FL 00714 Ethylene Vinyl Acetate Copolymer (European Grade)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

### Material Notes:

**Product Description:** FL 00714 is an easy processable grade for extrusion coating, co-extrusion coating and cast film. This grade offers excellent heat sealing characteristics and excellent optical properties. **Processing Conditions:** Excellent results are obtained in extrusion coating at 240°C (464°F) temperature range. Processing temperatures above 250°C (482°F) may cause resin degradation. FL 00714 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: Yes **Applications:** Adhesive Lamination Barrier Food Packaging Cling Layer Coextrusion Coating Document Plastification Extrusion Coating Extrusion Lamination Flexible Packaging Industrial Packaging Injection Molding Thermal Lamination Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escorene-FL-00714-Ethylene-Vinyl-Acetate-Copolymer-European-Grade.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-FL-00714-Ethylene-Vinyl-Acetate-Copolymer-European-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.933 g/cc	0.0337 lb/in <sup>3</sup>	ExxonMobil method
Vinyl Acetate Content	14 %	14 %	ExxonMobil method
Melt Flow	7.5 g/10 min @Load 2.16 kg, Temperature 190 °C	7.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Neck In	7.11 cm @Temperature 240 °C	2.80 in @Temperature 464 °F	656 ft/min, constant output at 35 rpm; ExxonMobil Method
	8.13 cm @Temperature 240 °C	3.20 in @Temperature 464 °F	328 ft/min, constant output at 35 rpm; ExxonMobil Method
Drawdown	5.00 m/s @Temperature 240 °C	984 ft/min @Temperature 464 °F	Constant output at 35 rpm; ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90 @Time 15.0 sec	90 @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	0.0510 GPa	7.40 ksi	Molded Properties; ISO 527-2/1

Thermal Properties	Metric	English	Comments
Melting Point	<= 190 °C	<= 374 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	61.7 °C	143 °F	ASTM D1525

Descriptive Properties	Value	Comments
Blending Temperature	250	

## Contact Songhan Plastic Technology Co.,Ltd.

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