

ExxonMobil Escorene™ FL 02020 Ethylene Vinyl Acetate Copolymer (European Grade)

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate

Material Notes:

Product Description: FL 02020 is primarily designed for high speed/low coating weight extrusion coating and is a good coextrusion partner with other polymers. FL 02020 is an excellent sealing material with a very low seal initiation temperature, high clarity and low gel.
Processing Conditions: Excellent results are obtained in extrusion coating at 220°C (428°F) temperature range. Processing temperatures above 240°C (464°F) may cause resin degradation. FL 02020 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 Adhesive Layer onto OPP Barrier Food Packaging Cling Layer Coextrusion Coating Compounding Document Plastification Extrusion Coating Extrusion Lamination Flexible Packaging High Frequency Sealing Industrial Packaging Injection Molding Masterbatch Base Resin Non-Woven Coating PVC Replacement Surface Protection Film Thermal Lamination Wire and Cable Compounds
 Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escorene-FL-02020-Ethylene-Vinyl-Acetate-Copolymer-European-Grade.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in ³	ExxonMobil method
Vinyl Acetate Content	20 %	20 %	ExxonMobil method
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238
Neck In	8.89 cm	3.50 in	656 ft/min, constant output at 35 rpm; ExxonMobil Method
	@Temperature 220 °C	@Temperature 428 °F	
	10.7 cm	4.20 in	328 ft/min, constant output at 35 rpm; ExxonMobil Method
	@Temperature 220 °C	@Temperature 428 °F	
Drawdown	7.50 m/s	1480 ft/min	Constant output at 35 rpm; ExxonMobil Method
	@Temperature 220 °C	@Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	85	85	Molded Properties; ISO 868
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength at Break	>= 0.689 MPa	>= 100 psi	Molded Properties; ISO 527-2/1A/100
Tensile Modulus	0.0262 GPa	3.80 ksi	Molded Properties; ISO 527-2/1

Thermal Properties	Metric	English	Comments
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Thermal Properties	Metric	English	Comments
Vicat Softening Point	48.3 °C	119 °F	ASTM D1525

Descriptive Properties	Value	Comments
Blending Temperature	240	

Contact Songhan Plastic Technology Co.,Ltd.

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