

ExxonMobil Escor™ 5110 ExCo Ethylene Acrylic Acid Copolymer Resin

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

Product Description: Escor 5110 is primarily intended for high speed, low coating weight extrusion coating and extrusion lamination.

Excellent adhesion to polar substrates, aluminum foil, polyamide films, metalized films, papers, iron steel and glass. Very high bond resistance even for acidic and aggressive food products. Very low sealing and hot tack initiation temperature, very high hot tack peak force. Availability: Africa & Middle East, Asia Pacific and Europe Additive: Antiblock: NoSlip: No Thermal Stabilizer:

NoApplications: Aluminum Containing Packaging Coextrusion Coating Extrusion Coating Extrusion Lamination Food packaging Metalized Films Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escor-5110-ExCo-Ethylene-Acrylic-Acid-Copolymer-Resin.php

Physical Properties	Metric	English	Comments
Density	0.939 g/cc	0.0339 lb/in ³	ExxonMobil method
Acrylic Acid Content	11 %	11 %	ExxonMobil Method
Melt Flow	14 g/10 min	14 g/10 min	ASTM D1238
Neck In	6.86 cm @Temperature 280 °C	2.70 in @Temperature 536 °F	328 ft/min, constant output at 35 rpm; ExxonMobil Method
	14.2 cm @Temperature 280 °C	5.60 in @Temperature 536 °F	164 ft/min, constant output at 35 rpm; ExxonMobil Method
Drawdown	6.33 m/s	1250 ft/min	Constant output at 35 rpm; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Melting Point	<= 201 °C	<= 394 °F	Peak Melting Point; ExxonMobil method
Vicat Softening Point	71.1 °C	160 °F	ASTM D1525

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