

## ExxonMobil Escor™ 5100 ExCo Ethylene Acrylic Acid Copolymer Resin

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

**Material Notes:**

**Product Description:** Escor 5100 is primarily intended for extrusion coating, coextrusion coating and extrusion lamination. Excellent adhesion to polar substrates, aluminum foil, metalized films, papers, iron, steel and glass. High bond resistance also when used to pack acidic food products. Excellent coextrusion adhesive resin for Polyamides. Outstanding sealing performance: very low temperature sealing with high seal strengths, high hot tack forces and good seal through contamination. Very good adhesive polymer in film. Availability: Africa & Middle East, Asia Pacific and Europe Additive: Antiblock: NoSlip: No Thermal Stabilizer: NoApplications:Aluminum Containing PackagingCable ShieldingCoextrusion Coating Extrusion CoatingExtrusion LaminationFood packaging Metalized Films Information provided by ExxonMobil

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Escor-5100-ExCo-Ethylene-Acrylic-Acid-Copolymer-Resin.php](http://www.lookpolymers.com/polymer_ExxonMobil-Escor-5100-ExCo-Ethylene-Acrylic-Acid-Copolymer-Resin.php)

Physical Properties	Metric	English	Comments
Density	0.940 g/cc	0.0340 lb/in <sup>3</sup>	ExxonMobil method
Acrylic Acid Content	11 %	11 %	ExxonMobil Method
Melt Flow	8.5 g/10 min @Load 2.16 kg, Temperature 190 °C	8.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Neck In	10.9 cm @Temperature 280 °C	4.30 in @Temperature 536 °F	328 ft/min, constant output at 35 rpm; ExxonMobil Method
	16.8 cm @Temperature 280 °C	6.60 in @Temperature 536 °F	164 ft/min, constant output at 35 rpm; ExxonMobil Method
Drawdown	4.00 m/s @Temperature 280 °C	787 ft/min @Temperature 536 °F	Constant output at 35 rpm; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Melting Point	<= 203 °C	<= 397 °F	Peak Melting Point; ExxonMobil method

### Contact Songhan Plastic Technology Co.,Ltd.

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