

ExxonMobil Escor™ 5000 ExCo Ethylene Acrylic Acid Copolymer Resin

Category : Polymer , Thermoplastic , Ethylene Acrylic Acid

Material Notes:

Product Description: Escor 5000 is primarily intended for extrusion coating, coextrusion coating, extrusion lamination. Very good adhesion to polar substrates, aluminum foil, metalized films, papers, iron, steel and glass. Offers excellent balance of adhesion onto the substrates and interlayer adhesion with coextruded LDPE and EVA's. Very good adhesive polymer in film. **Availability:** Africa & Middle East, Asia Pacific and Europe **Additive:** Antiblock: NoSlip: No Thermal Stabilizer: NoApplications: Cable Shielding Coextrusion Coating Cosmetic Packaging Extrusion Coating Extrusion Lamination Food packaging Hygiene Packaging Lami Tubes Liquid Packaging Information provided by ExxonMobil

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escor-5000-ExCo-Ethylene-Acrylic-Acid-Copolymer-Resin.php

| Physical Properties | Metric | English | Comments |
|----------------------|--|--|--|
| Density | 0.930 g/cc | 0.0336 lb/in ³ | ExxonMobil method |
| Acrylic Acid Content | 6.0 % | 6.0 % | ExxonMobil Method |
| Melt Flow | 8.2 g/10 min @Load 2.16 kg, Temperature 190 °C | 8.2 g/10 min @Load 4.76 lb, Temperature 374 °F | ASTM D1238 |
| Neck In | 4.06 cm @Temperature 280 °C | 1.60 in @Temperature 536 °F | 328 ft/min, constant output at 35 rpm; ExxonMobil Method |
| | 5.08 cm @Temperature 280 °C | 2.00 in @Temperature 536 °F | 164 ft/min, constant output at 35 rpm; ExxonMobil Method |
| Drawdown | 2.83 m/s @Temperature 280 °C | 557 ft/min @Temperature 536 °F | Constant output at 35 rpm; ExxonMobil Method |

| Thermal Properties | Metric | English | Comments |
|--------------------|-----------|-----------|---------------------------------------|
| Melting Point | <= 214 °C | <= 417 °F | Peak Melting Point; ExxonMobil method |

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