

## ExxonMobil ESCOR™ AT 310 Cast Film Resin (discontinued \*\*)

Category : Polymer , Film , Thermoplastic , Ethylene Acrylic Acid , Ethylene Methyl Acrylate

### Material Notes:

ESCOR AT 310 is an acid terpolymer which provides excellent adhesion to a variety of polar and non-polar materials such as metals, glass, polyolefins, polyamides, polyesters, etc. It is suitable for use as a polymer modifier to improve adhesion. Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-ESCOR-AT-310-Cast-Film-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_ExxonMobil-ESCOR-AT-310-Cast-Film-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Methyl Acrylate Content	6.5 %	6.5 %	
Acrylic Acid Content	6.5 %	6.5 %	
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	210 %	210 %	ASTM D882
Film Elongation at Break, TD	600 %	600 %	ASTM D882
Elmendorf Tear Strength, MD	8.925 g/micron	226.7 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	30.18 g/micron	766.7 g/mil	ASTM D1922
Dart Drop	7.350 g/micron	186.7 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	29.4 MPa	4260 psi	ASTM D882
Film Tensile Strength at Break, TD	22.5 MPa	3260 psi	ASTM D882
1% Secant Modulus, MD	110 MPa	16000 psi	ASTM D882
1% Secant Modulus, TD	77.2 MPa	11200 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	87.2 °C	189 °F	Peak Melting Temperature; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	18.3 %	18.3 %	ASTM D1003
Gloss	39 %	39 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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

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