

ExxonMobil ESCOR™ AT 310 Blown 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-Blown-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	370 %	370 %	ASTM D882
Film Elongation at Break, TD	570 %	570 %	ASTM D882
Elmendorf Tear Strength, MD	5.51 g/micron	140 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	13.0 g/micron	330 g/mil	ASTM D1922
Dart Drop	11.8 g/micron	300 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	29.2 MPa	4240 psi	ASTM D882
Film Tensile Strength at Break, TD	28.1 MPa	4080 psi	ASTM D882
1% Secant Modulus, MD	67.6 MPa	9810 psi	ASTM D882
1% Secant Modulus, TD	66.5 MPa	9640 psi	ASTM D882

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

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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