

ExxonMobil ESCOR™ AT 320 Cast Film Resin (discontinued **)

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

Material Notes:

ESCOR AT 320 provides excellent adhesion to a variety of substrates and other film components such as aluminum foil, polyolefins, polycarbonate, PET, etc. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-ESCOR-AT-320-Cast-Film-Resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Methyl Acrylate Content	18 %	18 %	
Acrylic Acid Content	6.0 %	6.0 %	
Melt Flow	5.0 g/10 min	5.0 g/10 min	ExxonMobil Method

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	300 %	300 %	ASTM D882
Film Elongation at Break, TD	750 %	750 %	ASTM D882
Elmendorf Tear Strength, MD	1.312 g/micron	33.33 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	17.59 g/micron	446.7 g/mil	ASTM D1922
Dart Drop	6.563 g/micron	166.7 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	24.5 MPa	3550 psi	ASTM D882
Film Tensile Strength at Break, TD	22.1 MPa	3200 psi	ASTM D882
1% Secant Modulus, MD	37.2 MPa	5390 psi	ASTM D882
1% Secant Modulus, TD	32.0 MPa	4640 psi	ASTM D882

Thermal Properties	Metric	English	Comments
Melting Point	72.2 °C	162 °F	Peak Melting Temperature; ExxonMobil Method

Optical Properties	Metric	English	Comments
Haze	13.1 %	13.1 %	ASTM D1003
Gloss	46 %	46 %	45°; ASTM D2457

Descriptive Properties	Value	Comments
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Features Descriptive Properties	Thermal Stabilizer Value	Comments
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