

ExxonMobil ESCOR™ AT 320 Blown 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-Blown-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	330 %	330 %	ASTM D882
Film Elongation at Break, TD	600 %	600 %	ASTM D882
Elmendorf Tear Strength, MD	1.38 g/micron	35.0 g/mil	ASTM D1922
Elmendorf Tear Strength, TD	11.8 g/micron	300 g/mil	ASTM D1922
Dart Drop	7.48 g/micron	190 g/mil	ASTM D1709
Film Tensile Strength at Break, MD	20.7 MPa	3000 psi	ASTM D882
Film Tensile Strength at Break, TD	23.9 MPa	3470 psi	ASTM D882
1% Secant Modulus, MD	27.8 MPa	4030 psi	ASTM D882
1% Secant Modulus, TD	27.1 MPa	3930 psi	ASTM D882

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

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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