

ExxonMobil ESCOR™ AT 310 Molding, extrusion and compounding resin (discontinued **)

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

Material Notes:

ESCOR AT 310 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 bonding and toughness. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-ESCOR-AT-310-Molding-extrusion-and-compounding-resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.942 g/cc	0.0340 lb/in ³	ExxonMobil Method
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
Hardness, Shore A	85	85	15s; ASTM D2240
Hardness, Shore D	35	35	15s; ASTM D2240
Tensile Strength at Break	12.4 MPa	1800 psi	ASTM D638
Elongation at Break	700 %	700 %	ASTM D638
Flexural Modulus	0.0427 GPa	6.20 ksi	1% secant; ASTM D790
Impact Test	28.5 J	21.0 ft-lb	Instrument Impact, Total Energy; ASTM D3763
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	33.9 J	25.0 ft-lb	Instrumented Impact, Total Energy; ASTM D3763
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	86.1 °C	187 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	60.0 °C	140 °F	ASTM D1525

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

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