

ExxonMobil ESCOR™ AT 325 Molding, extrusion and compounding resin (discontinued **)

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

Material Notes:

ESCOR AT 325 is an acid terpolymer which provides excellent adhesion to a variety of polar and non-polar materials. It has the highest melt index and the lowest modulus of all the Escor Acid Terpolymers. As a polymer modifier, it improves toughness flexibility and adhesion characteristics of compounds. Information provided by ExxonMobil Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-ESCOR-AT-325-Molding-extrusion-and-compounding-resin-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.951 g/cc	0.0344 lb/in ³	ExxonMobil Method
Methyl Acrylate Content	20 %	20 %	
Acrylic Acid Content	6.0 %	6.0 %	
Melt Flow	20 g/10 min	20 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	15s; ASTM D2240
Hardness, Shore D	22	22	15s; ASTM D2240
Tensile Strength at Break	5.72 MPa	830 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0185 GPa	2.68 ksi	1% secant; ASTM D790
Impact Test	21.7 J	16.0 ft-lb	Instrument Impact, Total Energy; ASTM D3763
	@Temperature 23.0 °C	@Temperature 73.4 °F	
	27.1 J	20.0 ft-lb	Instrumented Impact, Total Energy; ASTM D3763
	@Temperature -40.0 °C	@Temperature -40.0 °F	

Thermal Properties	Metric	English	Comments
Melting Point	66.7 °C	152 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	38.3 °C	101 °F	ASTM D1525

Descriptive Properties	Value	Comments
Features	Thermal Stabilizer	

Descriptive Properties	Value	Comments
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