

ExxonMobil Escor® AT-310 EMAAA Terpolymer for Polymer Modification (discontinued **)

Category : Polymer , Thermoplastic , EMAAA Terpolymer , Ethylene Methyl Acrylate

Material Notes:

Data provided by the manufacturer, Exxon Chemical.45 Acid Number. Provides unusual adhesion to a variety of substrates and other components such as aluminum foil, polyolefins, polycarbonate, PET, etc.Applications: High end-use temperature adhesive; Engineering thermoplastic modifier; Heat activated sealant; Adhesion of dissimilar materials such as elastomers to metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Escor-AT-310-EMAAA-Terpolymer-for-Polymer-Modification-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.941 g/cc	0.0340 lb/in ³	Exxon Method
Melt Flow	6.0 g/10 min	6.0 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
Hardness, Shore D	41	41	ASTM D2240
Tensile Strength, Ultimate	14.0 MPa	2030 psi	ASTM D638
Tensile Strength, Yield	3.30 MPa	479 psi	ASTM D638
Elongation at Break	570 %	570 %	ASTM D638
Modulus of Elasticity	0.0190 GPa	2.76 ksi	ASTM D638
Flexural Modulus	0.0600 GPa	8.70 ksi	ASTM D790
Tensile Impact Strength	530 kJ/m ²	252 ft-lb/in ²	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	94.0 °C	201 °F	Exxon Method
Vicat Softening Point	66.0 °C	151 °F	1000g; ASTM D-1525
Glass Transition Temp, Tg	74.0 °C	165 °F	DSC

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