

ExxonMobil Optema® TC-221 Ethylene Methyl Acrylate for Compounding (discontinued **)

Category : Polymer , Thermoplastic , Ethylene Methyl Acrylate , Ethylene-Methyl Acrylate Copolymer, Compounding Grade

Material Notes:

Data provided by the manufacturer, Exxon Chemical.27% Methyl Acrylate. An Ethylene Methyl Acrylate copolymer which can be used for making alloys, blends, and compounds, or be injection molded where softness and flexibility are required.Applications: Coextruded tie layer for flexible packaging applications; Compatibilizer or impact modifier for engineering thermoplastics; Hot melt adhesives; Sealants.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Optema-TC-221-Ethylene-Methyl-Acrylate-for-Compounding-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.948 g/cc	0.0342 lb/in ³	Exxon Method
Melt Flow	5.0 g/10 min	5.0 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	ASTM D2240
Hardness, Shore D	28	28	ASTM D2240
Tensile Strength, Ultimate	8.00 MPa	1160 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0190 GPa	2.76 ksi	ASTM D790
Tensile Impact Strength	590 kJ/m ²	281 ft-lb/in ²	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	64.0 °C	147 °F	Exxon Method
Vicat Softening Point	39.0 °C	102 °F	1000g; ASTM D-1525

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