

ExxonMobil Optema® TC-113 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.23.5% Methyl Acrylate. An Ethylene Methyl Acrylate copolymer which can be used as an impact modifier or compatibilizer in polymer compounds. It can also be used in coextrusions where adhesion and thermal processing stability are required or as an elastic, tough monolayer film.Applications: Compatibilizer and impact modifier for engineering thermoplastics; Coextruded tie layer for flexible packaging applications.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Optema-TC-113-Ethylene-Methyl-Acrylate-for-Compounding-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.939 g/cc	0.0339 lb/in ³	Exxon Method
Melt Flow	1.0 g/10 min	1.0 g/10 min	Exxon Method

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	ASTM D2240
Hardness, Shore D	33	33	ASTM D2240
Tensile Strength, Ultimate	11.0 MPa	1600 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Flexural Modulus	0.0260 GPa	3.77 ksi	ASTM D790
Tensile Impact Strength	650 kJ/m ²	309 ft-lb/in ²	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	74.0 °C	165 °F	Exxon Method
Vicat Softening Point	50.0 °C	122 °F	1000g; ASTM D-1525

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