

## ExxonMobil Optema® TC-020 Ethylene Methyl Acrylate for Injection Molding (discontinued \*\*)

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

### Material Notes:

Data provided by the manufacturer, Exxon Chemical.6.5% Methyl Acrylate. An Ethylene Methyl Acrylate copolymer which can be injection molded to produce pliable parts. It can also be used for making alloys, blends, and compounds to increase impact strength or lower modulus.Applications: Injection molding; Compatibilizer and impact modifier for engineering thermoplastics.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-Optema-TC-020-Ethylene-Methyl-Acrylate-for-Injection-Molding-nbspdiscontinued.php](http://www.lookpolymers.com/polymer_ExxonMobil-Optema-TC-020-Ethylene-Methyl-Acrylate-for-Injection-Molding-nbspdiscontinued.php)

Physical Properties	Metric	English	Comments
Density	0.928 g/cc	0.0335 lb/in <sup>3</sup>	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	45	45	ASTM D2240
Tensile Strength, Ultimate	12.0 MPa	1740 psi	ASTM D638
Elongation at Break	>= 800 %	>= 800 %	ASTM D638
Tensile Impact Strength	360 kJ/m <sup>2</sup>	171 ft-lb/in <sup>2</sup>	23°C; ASTM D-1822

Thermal Properties	Metric	English	Comments
Melting Point	102 °C	216 °F	Exxon Method
Vicat Softening Point	78.0 °C	172 °F	1000g; ASTM D-1525

## Contact Songhan Plastic Technology Co.,Ltd.

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