

## ExxonMobil OPTEMA™ TC 220 ExCo Ethylene Methyl Acrylate

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

**Material Notes:**

**Product Description:** Product Description: Optema TC 220 is 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. It is also an excellent grade for coextrusion coating and extrusion lamination where good interlayer adhesion between polyethylene, polypropylene, nylon, PVdC or other substrates is required. **Availability:** Latin America, North America and South America **Additive:** Antiblock: NoSlip: NoThermal Stabilizer: Yes **Applications:** li>Coextrusion Coating Demanding Heat Seals Extrusion Coating Extrusion Lamination Food packaging Industrial Packaging Low Neck In, Low Line Speed Coatings Masterbatch Base Resin Thermal Lamination Information provided by ExxonMobil Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ExxonMobil-OPTEMA-TC-220-ExCo-Ethylene-Methyl-Acrylate.php](http://www.lookpolymers.com/polymer_ExxonMobil-OPTEMA-TC-220-ExCo-Ethylene-Methyl-Acrylate.php)

Physical Properties	Metric	English	Comments
Density	0.945 g/cc	0.0341 lb/in <sup>3</sup>	ExxonMobil Method
Methyl Acrylate Content	24 %	24 %	
Melt Flow	5.00 g/10 min @Load 2.16 kg, Temperature 190 °C	5.00 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238
Neck In	10.2 cm @Temperature 295 °C	4.02 in @Temperature 563 °F	656 ft/min, Constant output at 35 rpm; ExxonMobil Method
	11.7 cm @Temperature 295 °C	4.61 in @Temperature 563 °F	328 ft/min, Constant output at 35 rpm; ExxonMobil Method
Drawdown	>= 20.0 m/s @Temperature 295 °C	>= 3940 ft/min @Temperature 563 °F	Constant output at 35 rpm; ExxonMobil Method

Thermal Properties	Metric	English	Comments
Melting Point	72.2 °C	162 °F	Peak Melting Temperature; ExxonMobil Method
Vicat Softening Point	42.8 °C	109 °F	ASTM D1525

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