

Unipetrol PP MONSTEN® MA 612 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Made for injection molding applications. Antistatic stabilization. Impact copolymer. Information provided by Unipetrol RPA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-PP-MONSTEN-MA-612-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	14 g/10 min @Load 2.16 kg, Temperature 230 °C	14 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.0 MPa	3340 psi	ISO 527
Elongation at Break	>= 100 %	>= 100 %	ISO 527
Flexural Modulus	1.10 GPa	160 ksi	ISO 178
Charpy Impact, Notched	0.700 J/cm ² @Temperature -20.0 °C	3.33 ft-lb/in ² @Temperature -4.00 °F	ISO 179
	5.00 J/cm ² @Temperature 23.0 °C	23.8 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	52.0 °C	126 °F	ISO 75
Vicat Softening Point	146 °C	295 °F	ISO 306

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