

Unipetrol PP MONSTEN® GB 503 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-PP-MONSTEN-GB-503-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	3.0 g/10 min @Load 2.16 kg, Temperature 230 °C	3.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ISO 527
Elongation at Break	>= 200 %	>= 200 %	ISO 527
Flexural Modulus	1.25 GPa	181 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
	6.00 J/cm ² @Temperature 23.0 °C	28.6 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	54.0 °C	129 °F	ISO 75
Vicat Softening Point	150 °C	302 °F	ISO 306

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