

Unipetrol PP MONSTEN® GB 506 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Applications include injection molding and thermoforming. 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-506-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	6.0 g/10 min @Load 2.16 kg, Temperature 230 °C	6.0 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	30.0 MPa	4350 psi	ISO 527
Elongation at Break	60 %	60 %	ISO 527
Flexural Modulus	1.60 GPa	232 ksi	ISO 178
Charpy Impact, Notched	0.450 J/cm ² @Temperature -20.0 °C	2.14 ft-lb/in ² @Temperature -4.00 °F	ISO 179
	1.00 J/cm ² @Temperature 23.0 °C	4.76 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	58.0 °C	136 °F	ISO 75
Vicat Softening Point	155 °C	311 °F	ISO 306

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