

## Unipetrol PP MONSTEN® TB 003 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Applications include injection molding, tapes, and thermoforming. Basic stabilization. Homopolymer. Information provided by Unipetrol RPA

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unipetrol-PP-MONSTEN-TB-003-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_Unipetrol-PP-MONSTEN-TB-003-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Melt Flow	3.2 g/10 min @Load 2.16 kg, Temperature 230 °C	3.2 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	35.0 MPa	5080 psi	ISO 527
Elongation at Break	>= 100 %	>= 100 %	ISO 527
Flexural Modulus	1.60 GPa	232 ksi	ISO 178
Charpy Impact, Notched	0.500 J/cm <sup>2</sup> @Temperature 23.0 °C	2.38 ft-lb/in <sup>2</sup> @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	57.0 °C	135 °F	ISO 75
Vicat Softening Point	158 °C	316 °F	ISO 306

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