

## Unipetrol PP MONSTEN® EB 501 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

**Material Notes:**

Made for extrusion applications. LHTA stabilization. Impact copolymer. Information provided by Unipetrol RPA

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unipetrol-PP-MONSTEN-EB-501-Polypropylene-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_Unipetrol-PP-MONSTEN-EB-501-Polypropylene-Impact-Copolymer.php)

Physical Properties	Metric	English	Comments
Melt Flow	0.50 g/10 min @Load 2.16 kg, Temperature 230 °C	0.50 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	26.0 MPa	3770 psi	ISO 527
Elongation at Break	>= 200 %	>= 200 %	ISO 527
Flexural Modulus	1.20 GPa	174 ksi	ISO 178
Charpy Impact, Notched	0.850 J/cm <sup>2</sup> @Temperature -20.0 °C	4.05 ft-lb/in <sup>2</sup> @Temperature -4.00 °F	ISO 179
	8.00 J/cm <sup>2</sup> @Temperature 23.0 °C	38.1 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)	54.0 °C	129 °F	ISO 75
Vicat Softening Point	150 °C	302 °F	ISO 306

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