

Unipetrol PP MONSTEN® NB 425 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Made for non-woven textiles applications. Basic stabilization. Homopolymer. Information provided by Unipetrol RPA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-PP-MONSTEN-NB-425-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 230 °C	25 g/10 min @Load 4.76 lb, Temperature 446 °F	ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	ISO 527
Elongation at Break	>= 200 %	>= 200 %	ISO 527
Flexural Modulus	1.30 GPa	189 ksi	ISO 178
Charpy Impact, Notched	0.300 J/cm ² @Temperature 23.0 °C	1.43 ft-lb/in ² @Temperature 73.4 °F	ISO 179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	53.0 °C	127 °F	ISO 75
Vicat Softening Point	154 °C	309 °F	ISO 306

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