

Unipetrol PP MONSTEN® GB 802 Polypropylene Random Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Applications include injection molding and extrusion. Basic stabilization. Random copolymer. Information provided by Unipetrol RPA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-PP-MONSTEN-GB-802-Polypropylene-Random-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	2.0 g/10 min	2.0 g/10 min	ISO 1133
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	25.0 MPa	3630 psi	ISO 527
Elongation at Break	>= 250 %	>= 250 %	ISO 527
Flexural Modulus	0.950 GPa	138 ksi	ISO 178
Charpy Impact, Notched	0.160 J/cm²	0.761 ft-lb/in²	ISO 179
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	0.900 J/cm²	4.28 ft-lb/in²	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	48.0 °C	118 °F	ISO 75
Vicat Softening Point	132 °C	270 °F	ISO 306

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