

Unipetrol PP MONSTEN® FK 005 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Applications include injection molding and thermoforming. Antistatic stabilized. Homopolymer. Information provided by Unipetrol RPA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-PP-MONSTEN-FK-005-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	5.0 g/10 min	5.0 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	37.0 MPa	5370 psi	ISO 527
Elongation at Break	80 %	80 %	ISO 527
Flexural Modulus	1.80 GPa	261 ksi	ISO 178
Charpy Impact, Notched	0.200 J/cm ²	0.952 ft-lb/in ²	ISO 179
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	60.0 °C	140 °F	ISO 75
Vicat Softening Point	158 °C	316 °F	ISO 306

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