

Unipetrol PP MONSTEN® MA 712 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Made for injection molding applications. Antistatic stabilization. Impact copolymer. Information provided by Unipetrol RPA

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unipetrol-PP-MONSTEN-MA-712-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Melt Flow	12 g/10 min	12 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	29.0 MPa	4210 psi	ISO 527
Elongation at Break	50 %	50 %	ISO 527
Flexural Modulus	1.55 GPa	225 ksi	ISO 178
Charpy Impact, Notched	0.400 J/cm²	1.90 ft-lb/in²	ISO 179
	@Temperature -20.0 °C	@Temperature -4.00 °F	
	1.00 J/cm²	4.76 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)	58.0 °C	136 °F	ISO 75
Vicat Softening Point	153 °C	307 °F	ISO 306

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