

M. Holland Company CP502 Polypropylene Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Features: Copolymer, High Flow, High Impact Resistance
Uses: Closures, Medical Applications, Thin-walled Parts
Processing Method: Injection Molding
Information provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-CP502-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.903 g/cc	0.0326 lb/in ³	ASTM D792
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	22.8 MPa	3300 psi	Type I, 2 in/min; ASTM D638
Elongation at Break	8.0 %	8.0 %	Type I, 2 in/min; ASTM D638
Flexural Modulus	1.07 GPa	155 ksi	at 0.05 in/min; ASTM D790
Izod Impact, Notched	2.14 J/cm	4.00 ft-lb/in	at 73°F; ASTM D256

Descriptive Properties	Value	Comments
Form	Pellets	

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