

M. Holland Company CP700 Polypropylene Copolymer

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

Material Notes:Features: High Flow, High Impact Resistance, Good Stiffness
Uses: Automotive Interior Parts, Closures, Household Goods, Toys
Approvals:FDA 21 CFR 177.1520
Processing Method: Injection Molding
Information provided by M. Holland.

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-CP700-Polypropylene-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D1505
Melt Flow	35 g/10 min @Load 2.16 kg, Temperature 230 °C	35 g/10 min @Load 4.76 lb, Temperature 446 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	88	88	ASTM D785
Tensile Strength, Yield	24.1 MPa	3500 psi	Type I, 2 in/min; ASTM D638
Elongation at Break	55 %	55 %	Type I, 2 in/min; ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	at 0.05 in/min; ASTM D790
Izod Impact, Notched	0.961 J/cm	1.80 ft-lb/in	at 73°F; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.3 °C	200 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	51.7 °C	125 °F	Unannealed; ASTM D648

Descriptive Properties	Value	Comments
Form	Pellets	

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