

M. Holland Company CP501 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Antistatic Impact copolymer High flow Good impact resistance Nucleated Good stiffness Applications: Furniture Household goods Outdoor furnishings Toys

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-CP501-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.901 g/cc	0.0326 lb/in ³	ASTM D1505
Melt Flow	25 g/10 min @Load 2.16 kg, Temperature 230 Â°C	25 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	27.6 MPa	4000 psi	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Modulus	1.45 GPa	210 ksi	ASTM D790
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	73Â°F; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	87.8 Â°C	190 Â°F	Unannealed; ASTM D648

Descriptive Properties	Value	Comments
Characteristics	Antistatic, Nucleating agent	
Forms	Pellets	
Processing Methods	Injection molding	

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