

M. Holland Company CP402 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Impact copolymer Good impact resistance Low temperature impact resistance Nucleated Good stiffness Applications: Crates Lawn and garden equipment Tool/tote box

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-CP402-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Density	0.905 g/cc	0.0327 lb/in ³	ASTM D1505
Melt Flow	11 g/10 min @Load 2.16 kg, Temperature 230 Â°C	11 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	23.4 MPa	3400 psi	ASTM D638
Elongation at Yield	7.7 %	7.7 %	ASTM D638
Flexural Modulus	1.17 GPa	170 ksi	ASTM D790
Izod Impact, Notched	1.87 J/cm	3.50 ft-lb/in	73Â°F; ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	97.2 Â°C	207 Â°F	Unannealed; ASTM D648

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

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