

## M. Holland Company PC406R Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC)

**Material Notes:**

Good impact resistance Good mold release High viscosity Applications: Appliances Protective coverings Decorative displays Housings

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_M-Holland-Company-PC406R-Polycarbonate.php](http://www.lookpolymers.com/polymer_M-Holland-Company-PC406R-Polycarbonate.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	23/23Â°C; ASTM D792
Melt Flow	6.0 g/10 min	6.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	72.4 MPa	10500 psi	ASTM D638
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D638
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	9.08 J/cm	17.0 ft-lb/in	(0.125 in); ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	142 Â°C	288 Â°F	Annealed; ASTM D648

Descriptive Properties	Value	Comments
Characteristics	Mold release	
Forms	Pellets	
Processing Methods	Injection molding	

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