

M. Holland Company PC522R Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

High flow High impact resistance Good mold release Applications: Appliances Food containers Table products

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-PC522R-Polycarbonate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	23/23Â°C; ASTM D792
Melt Flow	22 g/10 min	22 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	118	118	ASTM D785
Tensile Strength, Yield	58.6 MPa	8500 psi	ASTM D638
Elongation at Break	120 %	120 %	ASTM D638
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	7.47 J/cm	14.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	126 Â°C	258 Â°F	Annealed; ASTM D648

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

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