

M. Holland Company PC522UR Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

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

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-PC522UR-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
Tensile Strength at Break	66.2 MPa	9600 psi	ASTM D638
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D638
Flexural Modulus	2.28 GPa	330 ksi	ASTM D790
Izod Impact, Notched	7.47 J/cm	14.0 ft-lb/in	(0.125 in); ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	139 Â°C	282 Â°F	Annealed; ASTM D648

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

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