

M. Holland Company PC518R Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC)

Material Notes:

High clarityUltra high impact resistanceGood mold releaseApplications: AppliancesFood containersTable products

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Holland-Company-PC518R-Polycarbonate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	23/23Â°C; ASTM D792
Melt Flow	15 g/10 min	15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	68	68	ASTM D785
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength at Break	68.9 MPa	10000 psi	ASTM D638
Tensile Strength, Yield	60.0 MPa	8700 psi	ASTM D638
Elongation at Break	150 %	150 %	ASTM D638
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790
Izod Impact, Notched	8.54 J/cm	16.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	127 Â°C	260 Â°F	Unannealed; ASTM D648

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

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