

# Chemical Resources PC1000

Polycarbonate  
Chemical Resources, Inc.

Message:  
PC1000 provides excellent toughness, heat deflection and optical clarity. It is FDA approved.

General Information			
Features	Good Toughness		
	High Clarity		
	High Heat Resistance		
Agency Ratings		FDA Unspecified Rating	
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	60.0	MPa	ASTM D638
Tensile Elongation (Break)	150	%	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	910	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	128	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	1.0	%	ASTM D1003

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