

Network Polymers PC 1900

Polycarbonate

Network Polymers, Inc.

Message:

Network Polymers PC 1900 is a Polycarbonate (PC) product. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (300°C/1.2 kg)	19	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	64.1	MPa	ASTM D638
Flexural Modulus ³	2350	MPa	ASTM D790B
Flexural Strength ⁴ (5.0% Strain)	93.1	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	800	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	128	°C	ASTM D648
NOTE			
1.	Procedure A		
2.	51 mm/min		
3.	Method I (3 point load), 1.3 mm/min		
4.	Method I (3 point load), 1.3 mm/min		

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Recommended distributors for this material

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