

## Network Polymers PC-1035

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Molded

**Material Notes:**

Description: Injection Molding Grade Low Gloss Polycarbonate Information provided by Network Polymers Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Network-Polymers-PC-1035.php](http://www.lookpolymers.com/polymer_Network-Polymers-PC-1035.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 g/cc	1.18 g/cc	ASTM D792
Melt Flow	23 g/10 min	23 g/10 min	Procedure A; ASTM D1238
	@Load 3.80 kg, Temperature 230 °C	@Load 8.38 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	71.7 MPa	10400 psi	chs 2 in/min; ASTM D638
Flexural Strength	105.8 MPa	15350 psi	Stress at 5% Strain, Test Method I, Procedure B (chs speed 0.05 in/min); ASTM D790
Flexural Modulus	2.76 GPa	401 ksi	Test Method I, Procedure B (chs speed 0.05 in/min); ASTM D790
Izod Impact, Notched	NB	NB	Test Method A (0.125 in bar); ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	108 °C	226 °F	0.125 in bar; ASTM D648
Vicat Softening Point	135 °C	275 °F	0.125 inch bar, 1 Kg; ASTM D1525
Flammability, UL94	V-2	V-2	0.062 in and 0.125 in All Colors

## Contact Songhan Plastic Technology Co.,Ltd.

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