

## Network Polymers PC-1029

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

**Material Notes:**

Description: Natural Polycarbonate Information provided by Network Polymers Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Network-Polymers-PC-1029.php](http://www.lookpolymers.com/polymer_Network-Polymers-PC-1029.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Water Absorption	0.15 %	0.15 %	24 hours at 73°F; ASTM D570
Linear Mold Shrinkage	0.0040 - 0.0070 cm/cm	0.0040 - 0.0070 in/in	ASTM D955
Melt Flow	20 g/10 min @Load 2.16 kg, Temperature 230 °C	20 g/10 min @Load 4.76 lb, Temperature 446 °F	Procedure A Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Yield	62.1 MPa	9000 psi	chs 2 in/min; ASTM D638
Flexural Strength	89.6 MPa	13000 psi	Test Method I, Procedure B (chs speed 0.05 in/min); ASTM D790
Flexural Modulus	2.38 GPa	345 ksi	Test Method I, Procedure B (chs speed 0.05 in/min); ASTM D790
Izod Impact, Notched	6.41 J/cm	12.0 ft-lb/in	Test Method A (0.125 in bar); ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	127 °C	260 °F	0.125 in bar; ASTM D648
Flammability, UL94	V-2	V-2	0.062 in, All Colors

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China