

Network Polymers PC 1011

Polycarbonate

Network Polymers, Inc.

Message:

Network Polymers PC 1011 is a Polycarbonate (PC) product. It is available in North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E51193-101898831		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	10	g/10 min	ASTM D1238
Water Absorption (24 hr)	0.15	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	71.0	MPa	ASTM D638
Flexural Modulus ²	2410	MPa	ASTM D790
Flexural Strength ³	96.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	910	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	127	°C	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.57 mm, NC)	HB		UL 94
NOTE			
1.	51 mm/min		
2.	1.3 mm/min		
3.	1.3 mm/min		

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

