

POLLITE 1002G10

Polycarbonate

POLYROCKS CHEMICAL CO., LTD

Message:

POLLITE 1002G10 is a Polycarbonate (PC) product filled with 10% glass fiber. It is available in Asia Pacific. Typical application: Electrical/Electronic Applications.

Characteristics include:

Flame Rated

Flame Retardant

Good Dimensional Stability

Heat Resistant

Rigid

General Information	
Filler / Reinforcement	Glass Fiber, 10% Filler by Weight
Features	Flame Retardant
	Good Dimensional Stability
	High Heat Resistance
	High Rigidity
Uses	Electrical Parts
	Electrical/Electronic Applications

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	80.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	3800	MPa	ASTM D790
Flexural Strength	117	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	135	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		
3.00 mm	V-0		
Injection	Nominal Value	Unit	
Drying Temperature	120	°C	
Drying Time	3.0 to 4.0	hr	
Processing (Melt) Temp	275 to 295	°C	

Mold Temperature

80.0 to 115

°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

