

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
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