

POLLITE 1002G30

Polycarbonate

POLYROCKS CHEMICAL CO., LTD

Message:

POLLITE 1002G30 is a Polycarbonate (PC) product filled with 30% 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,30% 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	1.47	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	110	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	6900	MPa	ASTM D790
Flexural Strength	155	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	140	°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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