

POLLITE 1002G20

Polycarbonate
POLYROCKS CHEMICAL CO., LTD

Message:

POLLITE 1002G20 is a Polycarbonate (PC) product filled with 20% 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,20% 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	1.37	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	100	MPa	ASTM D638
Tensile Elongation (Break)	7.0	%	ASTM D638
Flexural Modulus	5500	MPa	ASTM D790
Flexural Strength	130	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	138	°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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Recommended distributors for this material

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