

POLLITE 1001

Polycarbonate
POLYROCKS CHEMICAL CO., LTD

Message:

POLLITE 1001 is a Polycarbonate (PC) product. It is available in Asia Pacific. Typical application: Electrical/Electronic Applications.
Characteristics include:
Flame Rated
Flame Retardant
Heat Resistant
Impact Resistant

General Information			
Features	Flame Retardant		
	High Heat Resistance		
	High Impact Resistance		
Uses	Electrical/Electronic Applications		
UL File Number	E253482		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	11	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	58.0	MPa	ASTM D638
Tensile Elongation (Break)	85	%	ASTM D638
Flexural Modulus	2200	MPa	ASTM D790
Flexural Strength	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	660	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	135	°C	
1.8 MPa, Unannealed	126	°C	
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	V-0		
	V-0		
3.00 mm	5VA		
Injection	Nominal Value	Unit	

Drying Temperature	120	°C
Drying Time	3.0 to 4.0	hr
Processing (Melt) Temp	260 to 280	°C
Mold Temperature	80.0	°C

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Recommended distributors for this material

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