

SPS Guang Zhou POLLITE, 1002G20 Flame-retarded/GF20%-Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Glass Fiber Filled, Flame Retardant

Material Notes:

Characteristic: High mechanical properties, high rigidity, high heat resistant, good dimensional stability, good flame retardance
Applications: E/E parts, power tool, office supplies
Information Provided by SPS (Guang Zhou) Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SPS-Guang-Zhou-POLLITE-1002G20-Flame-retardedGF20-Polycarbonate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 g/cc	1.35 g/cc	ASTM D792
Melt Flow	4.3 g/10 min	4.3 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	110 MPa	16000 psi	ASTM D638
Flexural Strength	130 MPa	18900 psi	
Flexural Modulus	5.50 GPa	798 ksi	
Izod Impact, Notched	0.850 J/cm	1.59 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	149 Â°C	300 Â°F	ASTM D648
Flammability, UL94	V-0	V-0	

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