

SPS Guang Zhou POLLITE, 1001(+) Flame-retarded Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Unreinforced, Flame Retardant

Material Notes:

Characteristic: Good flame retardance, high notched impact strength, high heat resistance
Applications: Computer, E/E appliance
Information Provided by SPS (Guang Zhou) Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SPS-Guang-Zhou-POLLITE-1001-Flame-retarded-Polycarbonate.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 g/cc	ASTM D792
Melt Flow	11 g/10 min	11 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	58.0 MPa	8410 psi	ASTM D638
Flexural Strength	90.0 MPa	13100 psi	
Flexural Modulus	2.30 GPa	334 ksi	
Izod Impact, Notched	6.60 J/cm	12.4 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	135 Â°C	275 Â°F	ASTM D648
Flammability, UL94	V-0	V-0	

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