

# SILVER® PBT1460G20

Polybutylene Terephthalate

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® Modified PBT/PET is applied to many fields, such as electronic facility crust, OA equipment and fittings, lamps and lanterns. In addition, the custom—made products should be developed by buyers ‘ requirements in order to meet special usage.

GF Reinforced Flame Retardant PBT

Characteristics:

excellent strength, high rigidity, good cosmetic

Applications:

printer, loop framework, relay, pump crust,lamp holder

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	High Rigidity		
	High Strength		
Uses	Lighting Applications		
	Lighting Fixtures		
	Printer		
	Pump Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.55	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	95.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	3.0	%	ASTM D638
Flexural Modulus <sup>3</sup>	5000	MPa	ASTM D790
Flexural Strength <sup>4</sup>	120	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	6.00	kJ/m <sup>2</sup>	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	200	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	220 to 240	°C	
NOTE			

1.	10 mm/min
2.	10 mm/min
3.	5.5 mm/min
4.	5.5 mm/min

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#### Recommended distributors for this material

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