

# SILVER® PBT123G15

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.

Glass Fiber Reinforced PBT

Characteristics:

excellent strength, high rigidity, good cosmetic

Applications:

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

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	High Rigidity		
	High Strength		
Uses	Lighting Applications		
	Lighting Fixtures		
	Printer		
	Pump Parts		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	90.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	5.0	%	ASTM D638
Flexural Modulus <sup>3</sup>	5000	MPa	ASTM D790
Flexural Strength <sup>4</sup>	140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	5.00	kJ/m <sup>2</sup>	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	195	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		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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