

# SILVER® PA540G30

Polyamide 6

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® PA6/PA66 is applied to many fields, such as electronic facility, electronic tool and power facility. In addition, the custom—made products should be developed by buyers ‘ requirements in order to meet special usage.

Modified PA6

Characteristics:

flame resistance glass fiber reinforced

Application:

connector, plug

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Flame Retardant		
Uses	Connectors		
	Plugs		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.52	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	125	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	4.0	%	ASTM D638
Flexural Modulus <sup>3</sup>	6200	MPa	ASTM D790
Flexural Strength <sup>4</sup>	160	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	10.0	kJ/m <sup>2</sup>	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	205	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.60 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 250	°C	
NOTE			
1.	10 mm/min		
2.	10 mm/min		
3.	5.4 mm/min		
4.	5.4 mm/min		

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