

# SILVER® PA540N

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

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup>	55.0	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	6.0	%	ASTM D638
Flexural Modulus <sup>3</sup>	2200	MPa	ASTM D790
Flexural Strength <sup>4</sup>	75.0	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)	70.0	°C	ASTM D648
Flammability	Nominal Value	Test Method	
Flame Rating (3.20 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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