

SILVER® PC2540.M

Polycarbonate + ABS

Guangdong Silver Age Sci & Tech. Co., Ltd

Message:

SILVER® PC/ABS Alloy is applied to many fields, such as electronic communication, office automation equipments, electronic instruments, lamps and lanterns. In addition, the custom made products should be developed by buyers ‘ requirements in order to meet special usage.

Halogen-free Flame Retardant PC/ABS

Characteristics:

UL-94V0/1 5 mm non-halogen flame retardance middle heat resisting grade

Application:

charger office automation equipment, electronics, IT fittings, adapter of power supply

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
	Medium Heat Resistance		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
	Office Automation Equipment		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	110	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	60.0	MPa	ASTM D638
Tensile Elongation ² (Break)	130	%	ASTM D638
Flexural Modulus ³	2150	MPa	ASTM D790
Flexural Strength ⁴	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	65.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	105	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	240 to 280	°C	
NOTE			
1.	50 mm/min		

2.	50 mm/min
3.	5.5 mm/min
4.	5.5 mm/min

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