

SILVER® PC2540.DF

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 general heat resisting grade non-halogen flame retardance

Application:

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

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogen Free		
	High Flow		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
	Office Automation Equipment		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/2.16 kg)	90	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	60.0	MPa	ASTM D638
Tensile Elongation ² (Break)	120	%	ASTM D638
Flexural Modulus ³	2250	MPa	ASTM D790
Flexural Strength ⁴	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	50.0	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	230 to 270	°C	
NOTE			
1.	50 mm/min		

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

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