

SILVER® PC2540.U

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-94 VO/ 1.5mm, UL-F1 certificate, anti-UV, excellent weather resisting

Application:

Christmas lamp accessory, plug ammeter, power supply case, tool handle and coat

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Good UV Resistance		
	Good Weather Resistance		
	Halogen Free		
Uses	Coating Applications		
	Handles		
	Lighting Applications		
	Lighting Fixtures		
	Plugs		
Agency Ratings	UL f1		
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/5.0 kg)	120	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	55.0	MPa	ASTM D638
Tensile Elongation ² (Break)	130	%	ASTM D638
Flexural Modulus ³	1900	MPa	ASTM D790
Flexural Strength ⁴	75.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area)			ASTM D256
-40°C	50.0	kJ/m ²	
23°C	65.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	115	°C	ASTM D648

Flammability	Nominal Value	Test Method
Flame Rating (1.50 mm)	V-0	UL 94
Injection	Nominal Value	Unit
Processing (Melt) Temp	250 to 290	°C
NOTE		
1.	50 mm/min	
2.	50 mm/min	
3.	5.5 mm/min	
4.	5.5 mm/min	

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