

SILVER® PC2540.D

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 Heat Resistance | | |
| Uses | Electrical Parts | | |
| | Electrical/Electronic Applications | | |
| | Office Automation Equipment | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.18 | g/cm ³ | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (260°C/2.16 kg) | 95 | 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 | 2200 | MPa | ASTM D790 |
| Flexural Strength ⁴ | 82.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (Area) (23°C) | 55.0 | kJ/m ² | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 95.0 | °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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