



TG-AS606 / S606 Series Thermal Grease

REACH Compliant RoHS Compliant

Features

- Good thermal conductivity
- Easy to assemble
- High stability

Application:

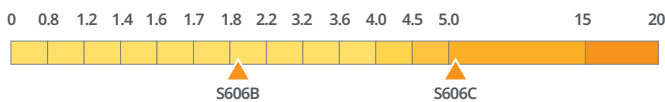
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Storage:

Thermal grease has a shelf-life of 12 months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below 25°C.

Properties

Thermal Conductivity : 1.9(S606B / TG-AS606B) / 5.3(S606C / TG-AS606C) W/mK



| Properties | Unit | TG-AS606B / S606B | TG-AS606C / S606C | Tolerance | Test Method |
|-----------------------|-------------------|-------------------|-------------------|-----------|---------------------|
| Thermal Conductivity | W/m•K | 1.9 | 5.3 | ±10% | ASTM D5470 Modified |
| Color | - | White | Gray | - | - |
| Oil Dispersible | % | <0.2 | <0.05 | - | 24hr @150° C |
| Weight Loss | % | <0.5 | | - | ASTM E595 Modified |
| Density | g/cm ³ | 2.2 | 2.95 | ±5% | ASTM D792 |
| Operating Temperature | ° C | -40~+180 | | - | - |
| Viscosity | Pa·s | 200(±80) | 150(±50) | - | Brookfield |
| Volume Resistivity | Ohm-m | >10 ¹¹ | >10 ¹² | - | ASTM D257 |
| Standard Package | - | Tube/Pot | | - | - |

- ▶ If an oil layer occurs on top of the thermal grease, it belongs to a normal phenomenon. We suggest to stir it evenly before usage.
- Please avoid any dust or impurity adhering to the thermal grease. This will increase the thermal resistance and reduce the effectiveness of heat dissipation.
- Condition of storage once opened: Constant temperature or cold storage, temperature between +5°C~+15°C. Please consume it within six months.

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