



TG-AS808 / TG-S808 Thermal Paste

REACH Compliant RoHS Compliant

Features

- High thermal conductivity
- Good leveling property & no overflow
- Effectively fills surface irregularities
- Low thermal impedance
- Silicone base, environmental friendly

Application:

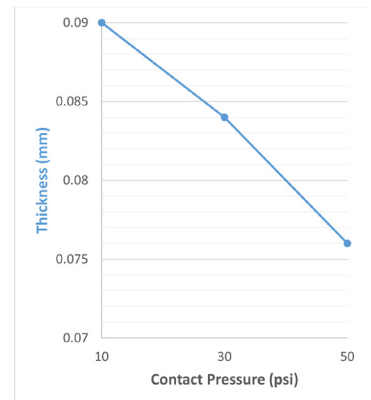
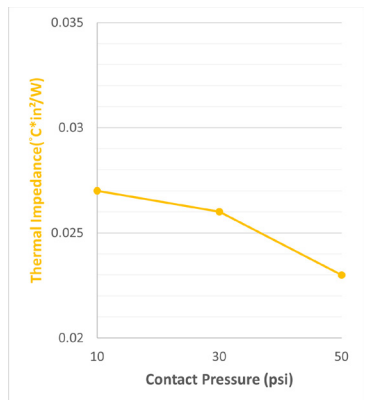
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

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

Contact Pressure, Thermal Impedance, and Thickness



Properties	Unit	TG-AS808 / TG-S808	Tolerance	Test Method
Thermal Conductivity	W/m•K	8	±10%	ASTM D5470 Modified
Color	-	Gray	-	-
Oil Dispersible	wt%	<0.1	-	24hr @150° C
Weight Loss	wt%	<0.1	-	ASTM E595 Modified
Viscosity	Pa·s	350	±100	Brookfield
Density	g/cm ³	2.9	±5%	ASTM D792
Operating Temperature	°C	-40~+200	-	-
Volume Resistivity	Ohm-m	>10 ¹³	-	ASTM D257
Standard Package	-	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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