



TG-S808

Thermal Compound

Version 2.050819



Thermal Compound

TG-S808 is a silicone based thermal grease that has been designed for high performance CPUs and similar applications. It has a thermal conductivity of 8 W/mK, superior wetting characteristics, resulting in a very low thermal resistance and excellent long term reliability.

Features

- High thermal conductivity
- Good levelling agent
- Low pump-out
- Low thermal impedance/thermal resistance
- High stability

Applications

Electronic components: IC, CPU, MOS
 LED, M/B, P/S, Heat Sink
 LCD TV, Notebook PC, PC Telecom Device, Wireless Hub, etc.
 DDR II Module, DVD Applications, Hand-set applications, etc.

Properties

- ✓ REACH Compliant
- ✓ ROHS Compliant

Property	TG-S808	Unit	Test Method
Colour	Grey	-	Visual
Thermal Conductivity	8.0	W/mK	ASTM D5470
Oil Bleed	<0.1	wt%	24hr@150°C
Weight Loss	<0.1	wt%	ASTM E595
Working Temperature	-40 to 200	°C	-
Density	3.2	g/cm ³	ASTM D792
Volume Resistance	>10 ¹³	Ohm-m	ASTM D257

Standard Packaging

Size	Packaging	Weight (gr)
	Pot	1 kg

Storage

TG-S808 has a self-life of eighteen (18) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened contained at, or below 25°C.

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