



GCS-052-SM8 THERMAL SILICONE GREASE

GCS-052-SM8 is a high performance silicone thermal grease

Features

- 5.2 W/m K thermal conductivity
- Easy to use
- High stability
- Excellent performance



Configurations

PART NUMBER	WEIGHT
GCS-052-SM8-20g	20g syringe
GCS-052-SM8-30g	30g syringe
GCS-052-SM8-1kg	1kg pot

Properties

CHARACTERISTIC	TEST METHOD	VALUE
Colour	Visual	Grey
Thermal Impedance °C-in ² /W	ASTM D5470	<0.04
Thermal Conductivity W/m K	ASTM D5470	5.2
Specific Gravity. g/cm ³	ASTM D1475	3.2
Dielectric Strength kV/mm	-	5
Dielectric Constant	ASTM D150	>5
Operation Temperature (°C)	-	-20 to 130
Viscosity (cps)	-	60,000

Applications

Displays, lighting protection: PDP TV, LCD CCFL and LCD LED display backlight, LED signage, projectors and new display technology.

Consumer and industrial electronics: Mobile telephone, communication base station, laptop, notebook, computer servers, handheld gaming devices, memory modules, CPU modules, amplifiers, batteries, and DC to DC converter power supplies.

Automotive electronics: Engine management, electronics suspension, braking systems, communication and multimedia systems, comfort convenience features, vehicle lighting, vehicle controls, hybrid vehicle battery thermal management, electric vehicle thermal management.



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