

RoHS
Compliant



Features

- Good thermal conductivity
- Easy to assemble
- High stability
- Does not harden with time

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, electronic suspension, braking systems, communication and multimedia systems, comfort convenience features, vehicle lighting, vehicle controls, hybrid vehicle battery thermal management, electric vehicle thermal management.

Characteristic

Properties	Value	Test Method
Colour	White	Visual
Thermal Conductivity	1.4W/mK	ROCT8.140-82
Thermal Impedance	<0.23°C-in ² /W	ROCT8.140-82
Specific gravity	2	ASTM D1475
Evaporation %	0.001%	FS 791
Bleed %	0.05%	FS 791
Dielectric Constant	5.1kV/mm	ASTM D150
Viscosity	None	Not tested
Thixotropic index 1/10mm	380 ±10	GB/T-269
Short Term Temperature	-50°C to +340°C	-
Operation Temperature	-30°C to +300°C	-

Part Number Table

Description	Part Number
Thermal Silicone Grease, White, 1.4W/mK, 1kg	MPGCS-014-SM4-1kg
Thermal Silicone Grease, White, 1.4W/mK, 30g	MPGCS-014-SM4-30g

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