

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.

## Properties

Characteristic	Value	Test Method
Colour	Grey	Visual
Thermal conductivity W/mK (ASTM D5470)	3.9W/mK	ASTM D5470
Thermal Impedance	0.09°C-in <sup>2</sup> /W	ASTM D5470 modified, on <2µm surface finish
Specific Gravity	1.7g/cm <sup>3</sup>	ASTM D792
Dielectric Constant	5.1	ASTM D150
Operation Temperature	-40°C to +200°C	-

## Part Number Table

Description	Part Number
Thermal Silicone Grease, Grey, 3.9W/mK, 30g	MPGCS-039-SM7-30g

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