



OG-880 is a high performance thermally conductive grease with low flowability. The unique properties of OG-880 will not dry under normal operating conditions and is suitable for applications involving auto-dispensing equipments or by screen-printing.

The proprietary boron nitride formula of OG-880 makes for its excellent thermal conducting performance. Together with its superior wetting properties, OG-880 provides a complete solution for application where rigorous heat transfer from heat source to spreader is required.

OG-880 is RoHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

Features and Benefits

- 5.5W/m-K thermal conductivity
- Excellent thermal conductivity
- Never dries
- RoHS compliant
- Halogen-free
- Suitable for auto-dispensing and screen printing applications

Typical Applications

- Heat source to spreader/sink in computer and peripherals
- Power conversion equipments
- Cooling components to the chassis, frame or other types of heat spreader
- Wireless communication hardware
- Automotive control units
- Power supply
- Audio and video component
- Micro processor

Optional Configurations

- Syringes or special cartridges can be arranged upon request



Typical Properties

Properties	OG-880	Test Method
Construction & Composition	Silicone-based grease	—
Color	White / Off-White	Visual
Density (g.cm ⁻³)	1.26	—
Temperature Range (°C)	-40~160°C	—
Thermal Conductivity (W.m ⁻¹ .K ⁻¹)	5.5	ASTM D5470 (modified)
Thermal Impedance @ 80psi (°C.in ² .W ⁻¹)	0.065	ASTM D5470 (modified)
Shelf Life /Months	24	—
Please contact us for other special requirements		

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