



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 <sup>-3</sup> )	1.26	—
Viscosity by Press Flow @ 42.5psi, 25°C (s)	<20	—
Coverage Area per gram (cm <sup>2</sup> /g)	@ 2mil thickness	247.2
	@ 3mil thickness	164.8
	@ 5mil thickness	98.9
	@ 10mil thickness	49.4
Temperature Range (°C)	-40~160°C	—
Thermal Conductivity (W.m <sup>-1</sup> .K <sup>-1</sup> )	5.5	ASTM D5470 (modified)
Thermal Resistance @ 50psi (°C.W <sup>-1</sup> )	0.060	ASTM D5470 (modified)
Thermal Impedance @ 50psi (°C.in <sup>2</sup> .W <sup>-1</sup> )	0.088	ASTM D5470 (modified)
Shelf Life /Months	24	—
Please contact us for other special requirements		

**SEM (North America) Inc.**

Tel: +1 585-643-2000  
 Fax: +1 585-427-7216  
 Address: 1600 Lexington Ave., Suite 236A  
 Rochester, NY 14606, USA

**SEM Belgium bvba**

+32 59 560 270  
 +32 59 560 271  
 Slijpesteenweg 28,  
 8432 Middelkerke (Leffinge), Belgium

**SEM (Far East) Ltd.**

+852 2686 9872  
 +852 2686 9728  
 Unit 3, 3/F, Blk A, New Trade Plaza,  
 No. 6 On Ping St., Shatin, N.T., Hong Kong.

**SEM (Dongguan) Ltd.**

+86-769-8356 5686  
 +86-769-8334 2028  
 No.8 Qiaoxin Rd., Qiaotou Dongguan,  
 Guangdong, China, 523525.

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