



OG-860 Spec01 is a thermally conductive grease with low oil bleeding. The unique properties of OG-860 Spec01 will not dry under normal operating conditions and is suitable for applications involving auto-dispensing equipments or by screen-printing.

The proprietary metal oxide fill silicone oil formula of OG-860 Spec01 makes for its good thermal conducting performance. Together with its superior wetting properties, OG-860 Spec01 provides good solution for application where rigorous heat transfer from heat source to spreader is required.

OG-860 Spec01 is RoHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

Features and Benefits

- 0.55W/m-K thermal conductivity
- Good 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-860 Spec01	Test Method
Construction & Composition	Silicone-based grease	—
Color	White	Visual
Density (g.cm ⁻³)	1.6	ASTM D792
Viscosity (mPa.s)	65000~85000	Brookfield HADVI+ Viscometer (Spindle #6 @ 12 RPM)
Temperature Range (°C)	-40~160°C	—
Thermal Conductivity (W.m ⁻¹ .K ⁻¹)	0.55	ASTM D5470 (modified)
Thermal Impedance @ 80psi (°C.in ² /W)	0.13	ASTM D5470 (modified)
Oil Bleeding (150°C/ 24h) (wt.%)	<0.2%	JIS K 2220
Shelf Life /Months	24	—

Please contact us for other special requirements

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