



E-Grease 860 is a thermally conductive grease with low oil bleeding. The unique properties of E-Grease 860 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 E-Grease 860 makes for its good thermal conducting performance. Together with its superior wetting properties, E-Grease 860 provides good solution for application where rigorous heat transfer from heat source to spreader is required.

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

### Features and Benefits

- 0.85W/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	E-Grease 860	Test Method
Construction & Composition	Silicone-based grease	—
Color	White	Visual
Density (g.cm <sup>-3</sup> )	2.3	ASTM D792
Temperature Range (°C)	-40~160°C	—
Volume Resistivity /ohm.cm	2.0X10 <sup>14</sup>	ASTM D257
Thermal Conductivity (W.m <sup>-1</sup> .K <sup>-1</sup> )	0.85	ASTM D5470 (modified)
Thermal Impedance @ 80psi (°C.in <sup>2</sup> /W)	0.085	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

**Hong Kong**  
Tel: (852) 2686 8168  
Fax: (852) 2686 8268  
E-mail: emeihk@emeigroup.com

**Dongguan**  
(86) 769-8334 1628  
(86) 769-8334 2028  
emeidg@emeigroup.com

**Shanghai**  
(86) 21-5868 3381  
(86) 21-5868 3386  
emeish@emeigroup.com

**Taiwan**  
(886) 2-2793 9055  
(886) 2-2793 9501  
emeitw@emeigroup.com

[www.emeigroup.com](http://www.emeigroup.com)



E-Grease 860 是一种低渗油导热油脂。独特的 E-Grease 860 适用于自动点胶或丝网印刷中。

独有的金属氧化物填充的配方令 E-Grease 860 具有良好的热传导性能。加上其优越的润湿性能，E-Grease 860 能解决热源与散热器之间严峻的热传导要求。

E-Grease 860 不单指符合 RoHS 规格更达到无卤素要求，令客户在使用时对于有害物质的控制更有信心。

### 产品特点

- 导热率 0.85W/m-K
- 优良导热性能
- 永不干涸
- 符合 RoHS 规格
- 不含卤素
- 适用于自动配料及丝网印刷等生产工艺

### 一般应用

- 计算机或其外围设备内热源和散热器之间
- 功率转换设备
- 底盘，框架或其他散热组件
- 无线通信硬件
- 汽车电机控制器
- 供电设备
- 音频视频组件
- 微处理器

### 其他配置

- 如有需要，可安排针桶及特别注射器等包装



一般特性	E-Grease 860	测试方法
结构及主要成分	硅树脂油膏	—
颜色	白色	目测
密度 (g.cm <sup>-3</sup> )	2.3	ASTM D792
温度范围 (°C)	-40~160°C	—
体积电阻率 /ohm.cm	2.0X10 <sup>14</sup>	ASTM D257
导热率 W.m <sup>-1</sup> .K <sup>-1</sup>	0.85	ASTM D5470 (modified)
热阻抗 @ 80psi (°C.in <sup>2</sup> /W)	0.085	ASTM D5470 (modified)
出油率 (150°C/ 24h) (wt.%)	<0.2%	JIS K 2220
有效期 (months)	24	—
如对产品有特殊要求，请联络我们		

香港  
Tel: (852) 2686 8168  
Fax: (852) 2686 8268  
E-mail: emeihk@emeigroup.com

东莞  
(86) 769-8334 1628  
(86) 769-8334 2028  
emeidg@emeigroup.com

上海  
(86) 21-5868 3381  
(86) 21-5868 3386  
emeish@emeigroup.com

台湾  
(886) 2-2793 9055  
(886) 2-2793 9501  
emeitw@emeigroup.com