

E-Grease 870 is a high performance thermally conductive grease with low flowability and will never dries out. It can be used for applications involving auto-dispensing equipments or by screen-printing.

E-Grease 870 has superior wetting properties in filling surface irregularities and provides a complete solution for application where rigorous heat transfer from heat source to spreader is required. It is also suitable for applications where re-work or frequent assembly/disassembly is required.

E-Grease 870 is RoHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

Features and Benefits	Typical Applications	Optional Configurations
<ul style="list-style-type: none"> • 7.0W/m-K thermal conductivity • Excellent thermal conductivity • Never dries • RoHS compliant • Halogen-free • Suitable for auto-dispensing and screen printing applications 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Syringes and special cartridges can be arranged upon request

Properties	E-Grease 870	Test Method
Construction & Composition	Silicone-based grease	—
Color	Grey	Visual
Density (g.cm ⁻³)	1.98	—
Temperature Range (°C)	-40~160°C	—
Thermal Conductivity (W.m ⁻¹ .K ⁻¹)	7.0	ASTM D5470 (modified)
Thermal Impedance @ 80psi (°C.in ² /W)	0.055	ASTM D5470 (modified)
Oil Bleeding (150°C/ 24h) (wt.%)	<0.2%	JIS K 2220
Shelf Life	24 months	—

Please contact us for other special requirements

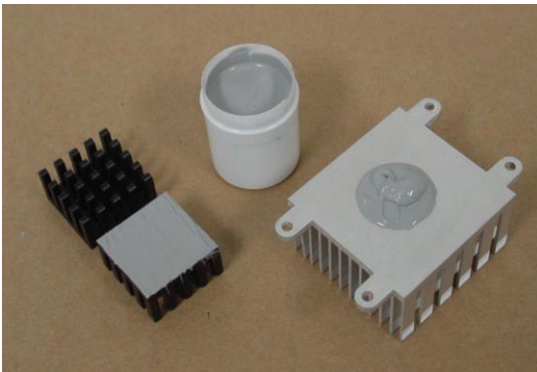
Hong Kong
Tel: (852) 2686 8168
Fax: (852) 2686 8268
E-mail: emeihk@emeigroup.com

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



E-Grease 870 具有高导热性能及永不干涸等特点。

它拥有良好的覆盖面积及低流动性，适合用于自动配料及丝网印刷等生产工艺。

E-Grease 870 的自身润滑作用能解决热源与散热器之间严峻的热传导要求。而且适用于需要返工及经常组装/拆卸的应用上。

E-Grease 870 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	一般应用	其他配置
<ul style="list-style-type: none"> • 导热率 7.0W/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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 如有需要，可安排针桶及特别注射器等包装

一般特性	E-Grease 870	测试方法
结构及主要成分	硅树脂油膏	—
颜色	灰色	目测
密度 (g.cm ⁻³)	1.98	—
使用温度 /°C	-40~160°C	—
导热率 W.m ⁻¹ .K ⁻¹	7.0	ASTM D5470 (modified)
热阻抗 @ 80psi (°C-in ² /W)	0.055	ASTM D5470 (modified)
出油率 (150°C/ 24h) (wt.%)	<0.2%	JIS K 2220
有效期	24 months	—

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