

导热脂

THERMAL GREASE



产品介绍 PRODUCT INTRODUCTION

导热脂是由导热填料和基础树脂组成，我们提供含硅和非硅系列导热脂，含硅导热脂使用硅油做基础油，使用温度高达 180℃，而非硅导热脂最高使用温度高达 150℃。导热脂可以人工刷涂或者采用丝网印刷来作业。

Thermal grease is composed of heat transfer filler and base resin. We provide silicone-based and non-silicone series thermal grease. Silicone containing thermal grease uses silicone oil as base oil, and the service temperature is as high as 180°C, while the maximum service temperature of non-silicone thermal grease is as high as 150°C. Thermal grease can be brushed manually or screen printed.

产品特点 PRODUCT FEATURE

- 极低的热阻
- 出色的长期稳定性
- 可自动化点胶或丝网印刷
- Very low thermal resistance
- Excellent long term reliability
- Dispensing or screen printing

典型应用 TYPICAL APPLICATION

- CPU、GPU
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- 伺服和变频
- Servo and Frequency Converter
- 热电冷却装置
- Thermoelectric Cooling Device
- IGBT 模块
- IGBT Module
- MOS 管
- MOSFET

产品参数 PRODUCT PARAMETER

产品型号 Models	导热系数 Thermal Conductivity	热阻(@50℃ 50psi) Thermal Impedance	最小 压缩厚度 BLT	粘度 Viscosity	密度 Specific Gravity	使用温度 Application Temperature	挥发度 Volatillation	保质期 Shelf Life
	W/m. K	°C. in ² /W	μm	mcps	g/cm ³	°C	@150°C 24h %	month
TGr 100	1.0	0.035	150	30,000	2.7	-40~150	0.25	24
TGr 300	3.0	0.017@40Psi	150	100,000	3.0	-40~150	0.3	24
TGr 500	5.0	0.008	200	400,000	2.6	-40~150	0.64	24
TGr 150 SF	1.5	0.067	150	1,100,000	2.4	-45~150	1.2	24
TGr 300 SF	3.0	0.024	150	-	2.1	-45~150	1.12	24