

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°C,而非硅导热脂最高使用温度高达 150°C。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
- CPU、GPU
- 伺服和变频
- Servo and Frequency Convertor
- 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 Product Name	导热系数 Thermal Conductivity	密度 Density	热阻 Thermal Resistance (@50°C 50psi)	最小 压缩厚度 BLT	粘度 Viscosity	使用温度 Application Temperature	保质期 Shelf Life
	W/m.K	g/cm ³	°C·in ² /W	μm	cPs	°C	month
TGr 300	3.0	3.00	0.017@40psi	150	100,000	-40 ~ 150	24
TGr 500	5.0	2.60	0.008	200	400,000	-40 ~ 150	24
TGr 150 SF	1.5	2.40	0.067	150	1,100,000	-40 ~ 150	24
TGr 300 SF	3.0	2.10	0.024	150	—	-40 ~ 150	24