

Product description

- Silicone thermal conductive two-component gel
- Low transient/static stress
- Two-part 1: 1 mix

Features

- Thermal conductivity: 2.0 W/m·K
- Can be cured at room temperature or accelerated at high temperature
- Low viscosity and good operability
- High reliability under various aging conditions

Typical application

- New energy vehicle lithium battery
- Automobile electronic equipment
- Large storage devices
- Communication equipment board

Directions for use

Clean up the surface to be bonded, making it clean and dry;

Note that the construction surface should be uniform, as long as a thin layer is applied.

The product should not be exposed to the air for a long time.

Technical parameter

Standards	Items	Unit	Values
Visual	Appearance (A/B)	-	White/ Green
ASTM D792	Density (A/B)	g/ ml	2.1/2.1
/	Mix ratio	-	1:1 (W/W)
ASTM D2196	Viscosity	mPa·s	250,000
ASTM D5470	Thermal conductivity	W/(m·K)	2.0
ASTM D2240	Hardness after curing	Shore00	50
ASTM D257	Volume resistivity	Ω·cm	1.0×10 ¹²
ASTM D149	Dielectric strength	KV/m	12
UL94	Flame rating	-	V-0
/	Operating temperature	°C	-40-150
/	Operating time @ 25°C	min	120
/	Cure time @ 25°C	h	24
/	Cure time @120°C	min	20

Cautions

Store away from children.

The use of the product is not as much as possible, but as thin as possible while ensuring that the gap is filled.

In case of accidental contact with skin, wipe clean, then rinse with water.

In case of accidental contact with eyes, rinse immediately with water and go to the hospital for examination.

Please consult the MSDS of the product for safety information.

Storage

Store in a cool and dry place at 8-28°C, the shelf life is 6 months.

Packaging Specifications

Order code:

527001 50ml/tube

527004 400ml/cartridge

Note:
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