

Features & Benefits

Thermal grease , as the heat transfer medium of electronic components and lighting assemblies, use to reduce operating temperature of the heating element.

- REACH, ROHS certified
- High thermal conductivity
- Good temperature resistance

Application

- Lighting assemblies
- Telecom equipment
- Consumer electronics
- Power supplies
- Power components for transportation

Description

Thermal grease is a kind of gray paste organosilicone compounds. This product has good thermal conductivity and dielectric properties, weather resistance, pollution resistance, anti-ultraviolet property and excellent moisture-proof insulation property. This product is suitable for thermal coating of electrical appliance and electronic products which is easy to use.

Packing Information

1. Hard plastic tube 1KG
12 tubes / carton
2. Hard plastic tube 2600ml
4 tubes / carton

Storage and Validity

Stored in room temperature, and in a cool, ventilated, dry place.

Shelf life: 12 month

Typical Properties

Item	Index
Appearance	Grey
Specific gravity(g/cm ³)	2.6
Viscosity(cP)	80000
Complete cure time	24
Thixotropy	1.7
Thermal resistance at 40 psi(°C-cm ² /W)	0.02
Temperature	-45 °C ~ 200 °C
Volatile component	0.02%
Volume resistivity (Ω.cm ³) ≥	1.3×10 ¹³
Dielectric strength(KV/mm) ≥	1.89
Thermal conductivity(/W/m.K)	4.5
Dielectric constant@1 kHz	14.0

How Can We Help You Today

Tell us about your performance, design, and manufacturing challenges. Let us put our silicone-based materials, expertise, application knowledge, and processing experience to work for you.

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