

## Features & Benefits

Thermal grease, as the heat transfer medium of electronic components and lighting assemblies, can be used for reducing the 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 organosilicon compound. 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 the thermal coating of electrical appliances and electronic products, it is easy to use.

## Packing Information

1. 1kg/can; 300ml/tube
2. 20g/syringe (Packing can be customized as per requirements)

## Storage and Validity

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

Shelf life: 12 months

## Typical Properties

Item	Index
Appearance	Grey
Specific gravity(g/cm <sup>3</sup> )	2.3
Viscosity(cP)	82000
Thixotropy	1.68
Thermal resistance at 40 psi(°C-cm <sup>2</sup> /W)	0.06
Temperature range (°C)	-45 °C ~ 200 °C
Volatile component (150°C/4H)	0.02%
Volume resistivity (Ω.cm <sup>3</sup> ) ≥	1.3×10 <sup>13</sup>
Dielectric strength (KV/mm) ≥	1.89
Thermal conductivity(W/m.K)	2.5
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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