

TT3000

Nano-Thermal Interface Grease

TT3000 is a nanometer thermally conductive composite material. The special formula fills gap perfectly, giving the material excellent thermal conductivity. TT3000's formulation is solvent-free. We used a unique silicone oil which interacts with thermally conductive fillers, making the compounds extremely stable, preventing pump-out problems and other common failure mechanisms. TT3000 has high thermal conductivity, low thermal resistance, and high reliability, which keeps the electronic equipment at a lower temperature, that can increase the process-ability and long-term reliability.

Features-

- Thermal conductivity:6.0 W/m*K
- Excellent thermal conductivity
- Stable and homogeneous compound to ensure thermal performance
- Formula can fill the gap at low pressure
- High stability and reliability
- Solvent-free formula
- The product is qualified for ROHS and REACH

Typical Applications-

- CPU and chip coolers
- Switching power supplies
- Between any heat-generating component and heat sink

Specifications-

- Storage temp: RT25°C
- Stock shelf life:12 months from date of shipment

Typical Properties-

PROPERTY	TT3000
Description	Thermally conductive compound
Color	White
Resin Base	Silicone
Filler	Non-metal
Viscosity	900Pa.s
Density	3.3 g/cm ³
Bond Line Thickness	10 μm
Dielectric breakdown	200 V/mil
Volume resistivity	>10 ¹² Ohm-m
Thermal Conductivity	6.0 W/m*K
Thermal impedance@50psi	5.0°C-mm ² /W

