



# TG-N909

## Non-silicone Thermal Grease

RoHS Compliant

### Features

- High thermal conductivity
- Silicone oil free
- No overflow
- Low thermal impedance / thermal resistance
- Non silicone based and environmental friendly

### Application:

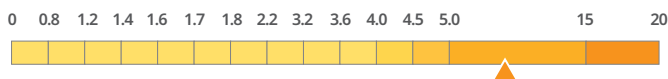
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### Storage:

Thermal grease has a shelf-life of 12 months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below 25°C.

### Properties

#### Thermal Conductivity : 9 W/mK



| Properties            | Unit              | TG-N909           | Tolerance | Test Method         |
|-----------------------|-------------------|-------------------|-----------|---------------------|
| Thermal Conductivity  | W/m•K             | 9                 | ±10%      | ASTM D5470 Modified |
| Color                 | -                 | Gray              | -         | -                   |
| Oil Dispersible       | wt%               | <0.1              | -         | 24hr @150° C        |
| Weight Loss           | wt%               | <0.1              | -         | ASTM E595 Modified  |
| Viscosity             | Pa·s              | 300               | ±100      | Brookfield          |
| Density               | g/cm <sup>3</sup> | 2.85              | ±5%       | ASTM D792           |
| Operating Temperature | ° C               | -40~+200          | -         | -                   |
| Volume Resistivity    | Ohm-m             | >10 <sup>13</sup> | -         | ASTM D257           |
| Standard Package      | -                 | Pot               | -         | -                   |

- ▶ If an oil layer occurs on top of the thermal grease, it belongs to a normal phenomenon. We suggest to stir it evenly before usage. Please avoid any dust or impurity adhering to the thermal grease. This will increase the thermal resistance and reduce the effectiveness of heat dissipation. Condition of storage once opened: Constant temperature or cold storage, temperature between +5°C~+15°C. Please consume it within six months.

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