

# TG-S808

## Thermal Grease

REACH Compliant | RoHS Compliant

### Features

- High thermal conductivity
- Good leveling agent & No overflow
- Effectively fill the gap of the interface
- Low thermal impedance / thermal resistance
- Silicone base, No environmental pollution

### Applications

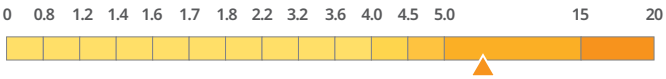
**Electronic components** - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR ll Module, etc.

### Storage

Thermal grease has a shelf-life of eighteen (18) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened contained at, or below 25° C.

### Properties

**Thermal Conductivity :** 8 W/mK




| Properties | TG-S808 | Unit | Tolerance | Test Method |
|---|---|---|---|---|
| Thermal Conductivity | 8 | W/mK | ±10% | ASTM D5470 |
| Colour | Grey | - | - | Visual |
| Oil Dispersible | <0.1 | wt% | - | 24hr @150° C |
| Weight Loss | <0.1 | wt% | - | ASTM E595 |
| Density | 3.2 | g/cm$^3$ | ±10% | ASTM D792 |
| Working Temperature | -40~+200 | ° C | - | - |
| Volume Resistance | >10$^{13}$ | Ohm-m | - | ASTM D257 |
| Standard Format | 1kg | Pot | - | - |

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

**T-Global Technology (Europe & North America) Limited**

Version17
20200501

Units 1-2 Cosford Business Park, Central Park, Lutterworth, Leicestershire, LE17 4QU, United Kingdom

**T** +44 (0)1455 553 510 **E** sales@tglobaltechnology.com **W** www.tglobaltechnology.com

(old version)

T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

NOTICE: The information contained herein is to the best of our knowledge true and accurate. Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. All specifications are subject to change without notice. The protective film does not affect the function of the product. If there is no special requirement, the default depends on T-Global. Since the varied conditions of potential use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part and users should make their own test to determine the suitability of our products in any specific situation. This product is sold without warranty either expressed or implied, of fitness for a particular purpose or otherwise, except that this product shall be of standard quality, and except to the extent otherwise stated in T-Global Technology's invoice, quotation, or order acknowledgment.
We disclaim any and all liabilities incurred in connection with the use of information contained herein, or otherwise. All risks of such are assumed by the user. Furthermore, nothing contained herein shall be construed as a recommendation to use any process or to manufacture or to use any product in conflict with existing or future patents covering any product or material or its use.

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## t-Global Technology:

TG-A373S-310-310-2.0-1A TG-T1000-28-28-0.25-5PT TG-A1250-20-20-5.0 TG-A1450-20-20-0.5
DC0019/02-TG-A482K-0.1-0 GT20-150-150-0.3-0 T68A-270-270-0.055 T68APF-270-270-0.045
TG-A4500-30-30-3.0 TG-A6200-20-20-1.5 TG-AL373-19.5-12.7-0.5-0 TG-T1000-36-18-0.25-5PT
TG-A20KF-285-190-4.0-1A TG-A373F-300-300-0.25-1A TG-AH486-310-310-10.0-1A
XL25W-TO220-18.5-12-1 T62-1-15-15-0.16 TG-A1250-5-5-1.5 TG-A373F-150-150-0.25-2A
TG-AL373-100-100-1.0-1A TG-A1780-40-40-2.0 TG-A373S-310-310-3.0-1A TG-A482K-15-15-0.1-0
TG-A9000-40-40-0.8 TG-AL373-150-150-1.0-0 TG-APC93-150-150-1.0-0 TG-A3500F-310-310-0.5
TG-A1450-25-25-2.0 TG-A20KX-190-140-3.0 TG-A3500-10-10-0.5