TECHNICAL DATA SHEET 9910 (Thermal Paste)

Thermally Conductive Compound

OVERVIEW

9910 Thermally Conductive Compound is a kind of heat-transmitting medium fro IC, CPU, MOS. Those products passed high-low temperature test. 9910 Thermally Conductive Compound is a kind of healthy and environmental products with corrosive-free and odor-free performance.

FEATURES & BENEFITS

- Environmental friendly and non-corrosive;
- Excellent electrical properties, chemical, stability and weatherability;
- Good performance of cold resistance and heat resistance, can long-term use in the temperature range of -50~200°C;
- High thermal conductivity and excellent flame retar;
- Unleaded, comply with the rules of RoHS, REACH and UL (E488095).

APPLICATIONS

- Electronic components : IC, CPU, MOS;
- LED, M/B, P/S, radiator, computer;
- LCD TV, Telecommunication equipment, Wireless receiver, Laptop;
- DDR module, DVD applications;

HOW TO USE

- Before use, user should clean material with solvent.
- Directly apply 9910 into material or wrap up material.

PACKAGING SPECIFICATION

- 100G, 200G & 1KG per can, 'or' special packaging according to customer's requirements.

STORAGE

- This product is non-danagerous and non-toxic. Keep away from rain and sunshine, store in a cool, dry place. Shelf life is 6 months.

TYPICAL PROPERTIES

Type	Thermal Grease
Model	9910
Color / Consistency	White / Black / Grey (Paste)
Specific Gravity (g/cm^3)	2.2
Cone Penetration (mm)	180 ~ 210
Volatile Matter (%)	≤0.2
Thermal Conductivity (W/(M·K))	≥1.0
Temperature range (°C)	-50~200
Oil Bleed (150°Cx24h, %)	≤1.0
Thermal Resistance (°C in^2/W 0.1mm 80psi)	0.25
Volume Resistivity (Ω•CM)	3.0x10^{15}
Dielectric strength (KV/mm)	22
Permittivity (F/m)	3.2
Dielectric loss factor (1MHz)	0.01
Test environmental 25°C (77°F) / 65% Relative Humidity	

PRODUCT IDENTIFICATIONS

Through ID, we identify our products. Here is the encoding rules.

Item	Formula Code	Color	Thermal Conductivity
ID	16ZH	W	1.0

Color : **W**=White, **B**=Black, **G**=Gray

OTHER INFORMATIONS

The data provided in this sheet are measured under certain conditions, in the different environment, there will be slightly different, **KOOTAI** advise user do application testing before use.

Industrial Plot No. 404, Udyog Kendra Ext-II, Ecotech-III,
Gautam Buddha Nagar, Greater Noida, Uttar Pradesh - 201306
120 - 4561693 sales@kootai.in / info@kootai.in www.kootai.in