

## THERMAL PASTE

### MSC-310

No matter which heat dissipation device is used, if the device and its electronic components are not fastened securely and have excess air between them, heat conductivity will decrease greatly, and maximum performance for the device cannot be achieved. The industry has used thermal conductive grease as an effective heat conducting agent between electronic parts and heat dissipation devices for a long time.



#### Application:

- Electronic parts: IC, CPU, MOS.
- LED, M/B, PS, Heat Sink, LCD-TV, NB, PC.
- DDRII Module, DVD Application.

| Properties            | Unit              | Data                |
|-----------------------|-------------------|---------------------|
| Colour                |                   | Grey                |
| Specific Gravity      | g/cm <sup>3</sup> | 2.5                 |
| Dielectric Strength   | V/mil             | 220                 |
| Volume Resistance     | ohm-cm            | 3 x 10 <sup>4</sup> |
| Viscosity             | cps               | 648000              |
| Thermal Impedance     | °C/W              | 0.025               |
| Thermal Conductivity  | W/m.K             | 3.2                 |
| Operation Temperature | °C                | -45 ~ +150          |

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