



a member of *CMEI Group*

OU-802

THERMALLY CONDUCTIVE PUTTY



OU-802 is a high performance thermally conductive compound and will not dry out. It has low viscosity for easy and neat application; and can be used for application involving autodispensing equipments or stencil screen-printing.

The proprietary formulation of OU-802 makes for its good thermal conducting performance. Together with its superior wetting properties in filling surface irregularities, OU-802 provides a cost effective solution for application where rapid heat transfer from heat source to spreader is required.

OU-802 is RoHS compliant and halogen-free, offering extra reassurance in applications where hazardous substances are forbidden.

| Features and Benefits | Typical Applications | Optional Configurations |
|---|--|--|
| 3.5W/m-K thermal conductivity Excellent thermal conductivity Never dries RoHS compliant Halogen-free Suitable for auto-dispensing and screen printing applications | Heat source to spreader/sink in computer and peripherals Power conversion equipments Cooling components to the chassis, frame or other types of heat spreader Wireless communication hardware Automotive control units Power supply Audio and video component Micro processor | Cartridge packaging forms can be arranged upon request |

| Typical Properties | OU-802 | Test Method |
|--|----------------------|----------------------------------|
| Construction & Composition | Silicone-based putty | |
| Color | White | Visual |
| Density (g.cm ⁻³) | 3.0 | |
| Flow Rate [g/min, 30cc syringe under 90psi] | 22 | |
| Temperature Range (°C) | -40~180℃ | |
| Dielectric Strength (Vac/mm) | >5000 | ASTM D149 |
| Thermal Conductivity (W.m ⁻¹ .K ⁻¹) | 3.5 | ASTM D5470 (modified) |
| UL Flammability Rating | UL94 V0 | E109346 |
| Thermal Impedance @ 1.0 mmT (°C,in ² /W) | 0.442 | ASTM D5470 (modified) |
| Random Vibration Test/ Sinusoidal Vibration Test/ Mechanical Shock Test | Pass | ETSI 300019-2-4 V2.1.2-1999 T4.1 |
| Shelf Life /Months | 24 | |

Please contact us for other special requirements

| | | Container Information | | |
|-----|--------|-----------------------|---------------------|--|
| 120 | | 0030 | 30cc Taper Tip Tube | |
| | OU-802 | Customer Part Number | Customer Container | |

Dispenser equipment is required. Please contact us for additional support. Other custom container sizes may be available upon request

| Share to | SEM (North America |
|----------|---|
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