



# Thermally Conductive Paste **diamant**<sup>®</sup>

high thermal conductivity

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## Usage:

Sealant with good thermal conductivity, anticorrosive coating, lifetime lubrication, release agent, electrical isolation agent, with extreme temperature stability (little change of viscosity) and oxidation resistance.

## Properties:

Electrically non-conductive  
Non-toxic  
Heat conductive  
Dielectric  
Water repellent

## Application:

Enhanced heat transfer between two objects, f.e. microchip and processor heat sink, or better heat transfer between thermostats and sensors in heating engineering.

Electrically isolating agent, prevents spark-over leakage currents.

|                                |                      |
|--------------------------------|----------------------|
| <b>Base Oil</b>                | Polydimethylsiloxane |
| <b>Thickener</b>               | Bentonite            |
| <b>Drop Point</b>              | -                    |
| <b>NLGI</b>                    | 2                    |
| <b>Temperature Range</b>       | -40 up to +200° C    |
| <b>Thermal Conductivity</b>    | 0,7 W/ (mK)          |
| <b>Electrical Conductivity</b> | 6E-14 S/cm           |

The information contained herein were established with care and represent average values. However, the product is sold without obligation or warranty expressed or implied. The fields of application depend on the recipes of the consumers and the relevant quality confirmation.