#### BONDING + SEALING + ENCAPSULATION



## **Thermal paste**

# Paste 8701

- silicone- and solvent-free heat-conducting paste
- 1 component
- CMR-free \*
- high-performance and electrically insulating
- excellent thermal conductivity
- no metallic fillers
- high-long-term stability
- good creeping properties
- ideal for different cooling applications, improves the heat-transfer
- \* not subject to CMR labelling according to section 2 of the safety data sheet

#### **Product specification:**

| Туре:              | Non-curing and non-drying paste   |                               |  |
|--------------------|---|-------------------------------|--|
| Viscosity (23 °C): | Paste 8701  | 100'000 – 150'000 mPa·s       |  |
| Density (22 °C):   | Paste 8701  | 2.25 – 2.55 g/cm <sup>3</sup> |  |
| Colour:            | Nature (cream) or on request  |                               |  |
| Shelf life:        | 6 months in sealed original containers when stored in dry conditions (15°C to 25°C) |                               |  |

#### **Physical properties:**

| Thermal conductivity:  | 1.2 W/(m·K)          | DIN EN ISO 22007 |
|------------------------|----------------------|------------------|
| Operating temperature: | -60 °C up to +140 °C |                  |

Kisling (Deutschland) GmbH | Salzstraße 15 | 74676 Niedernhall | Germany Mail address: Waldstraße 15 | 71139 Ehningen | Germany P +49 7940 50961 61 | info@kisling.com | www.kisling.com Registered office in Künzelsau, Registration court Stuttgart HRB 571451 | VAT: DE 213 424 398 CEO: Dr. Dirk Clemens | Thomas Isleib Deutsche Bank AG, Heilbronn | IBAN: DE89 6207 0081 0015 4385 00 | BIC: DEUTDESS620

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#### **Electrical properties:**

| Dielectric strength: | 25 kV/mm                                 | IEC 60243-1, VDE 0303, TI.2 |
|----------------------|--|-----------------------------|
| Volume resistance:   | 10 <sup>16</sup> Ω·cm (23 °C/ 50 % r.F.) | IEC 60243-1, VDE0303, TI.30 |

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