

WPN 10

Heat sink paste



Examples of Application

- To optimize heat transfer between electronic construction elements and cooling bodies of medium to high power density, such as semi-conductors (transistors, diodes, thyristors, etc.) as well as other integrated components

Properties

- Resistant to oxidation and ageing
- Non toxic
- Prevents air gaps
- Neutral in smell
- Chemically neutral towards plastics and metals

Characteristic data

- Service temperature: -40 °C to +150 °C
- Appearance: white
- NLGI grade: 2 – 3*

Thickener	Bentonite		
Unworked penetration	1/10 mm	250 - 290	DIN ISO 2137
Thermal conductivity at 25 °C	W/mK	approx. 0,8	Method PTB**
Oil separation (40 °C/168 h)	%	≤ 2	DIN 51817
Flow pressure at +20 °C	mbar	≤ 500	DIN 51805
Base oil	Silicone oil		
Kin. viscosity at 40 °C	mm ² /s	approx. 75	DIN 51562
Kin. viscosity at 100 °C	mm ² /s	approx. 32	DIN 51562

Instructions for use

- Product has to be processed or consumed within 6 months from production date
- Prior to serial production product compatibility tests are recommended.

* The indication refers to the unworked penetration

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