# Preliminary Technical Product Information

WPN 10

Heat sink paste



Page 1/1

Rev. 06 09.09.2013

Part-No. 9011199



#### **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 ℃	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 ℃	mm²/s	approx. 75	DIN 51562
Kin. viscosity at 100 °C	mm²/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

\*\* Physical-Technical Federal Office Braunschweig and Berlin (transient hot bridge)

austerlitz electronic gmbh

Ludwig-Feuerbach-Str. 38 90489 Nürnberg · Germany Phone +49 911 59 747-0 Fax +49 911 59 747-89 info@austerlitz-electronic.de www.austerlitz-electronic.de

The above data correspond to latest technology, modifications reserved. This information is intended as a guide and does not necessarily represent a marketing specification. In individual cases tests have to be carried out by the consumer. Further data upon request.