

Technical Data Sheet

Thermally Conductive Paste

PA704

- 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

Product Specification:

Type:	Non-curing and non-drying paste	
Viscosity:	150.000 ... 200.000 mPa·s	@ 23°C
Density:	2,20 ... 2.50 kg/dm ³	@ 22°C
Colour:	Nature (cream)	
Shelf life:	12 months in sealed original containers when stored in dry conditions (15°C to 25°C)	

Physical Properties:

Thermal conductivity:	2.0 ... 2.3 W/(m·K) 2.0 ... 2.3 W/(m·K)	@ 22°C DIN EN ISO 22007 @ optional 60°C
Thermal resistance:	No blooming	after 4h @ 200°C
Operating temperature:	-60°C ... +200°C	

Electrical Properties:

Dielectric strength:	25 kV/mm	IEC 60243-1, VDE 0303, TI.2
Volume resistance:	$10^{16} \Omega \cdot \text{cm}$	@ 23°C / 50% r.H. IEC 60243-1, VDE 0303, TI.30
