

THERMAL GREASE 1100

Ceramic-filled single-component silicone with high thermal conductivity



Thermal grease is a ceramic-filled single-component silicone with high thermal conductivity. The non-cross linked thermal compounds will not dry out and the silicone components do not leak out of the compound. The paste is particularly suitable for silicone-sensitive applications. The long-term stability of our 1100 series guarantees full functionality during the entire lifetime of the product. Under normal application conditions Thermal grease will not cure, dry out, or melt.

STORAGE

Special storage is not required for our Thermal grease, so it can be stored under normal climate conditions for up to 12 months. If any separation of the filler materials is noted, the 1100 series must be mixed thoroughly before use.

PROPERTIES PER PART NUMBER

Properties	Unit	1100-98
Colour		Gray
Compound		Soft / pasty
Thermal properties		
Thermal resistance Rth	K/W	0.0100
Thermal impedance Rti	°Cmm ² /W KIN ² /W	4.1 0.0064
Thermal conductivity	W/mK	6.0
Electrical properties		
Electrical conductivity (according to DIN 51412-1)	pS/m	0
Mechanical properties		
Measured thickness (+/- 10%)	Mm	0.025
Physical properties		
Application temperature	°C	-60 to +200
Density	G/cm ³	2.2
Viscosity*	Pas	110- 150
Total mass loss (TML)	Ma.-%	< 1.5
Possible thickness	Mm	Variable

ORDER EXAMPLE

Series	Type	Content
1100	98	7 : 7 grams (standard) 15 : 15 grams