

KP 100

KERATHERM® Thermal Grease

MHW INTERNATIONAL CORPORATION
A POWERFUL SOLUTION

Benefits

- High thermal performance
- Easy to apply
- Available in different packaging forms (syringe, cartridges, cans & hobbocks)
- Outstanding long-term test results at power cycle test with Semiconductors
- Very low bond line thickness



Properties	Unit	100
Colour		grey
Thermal Properties*		
Thermal conductivity λ^{**}	W/mK	5.0
DeltaT	°C	1.6
Mechanical Properties		
Measured thickness (+/-10%)	mm	0.025
Physical Properties		
Application temperature	°C	-60 to +200
Density	g/cm ³	1.4
Viscosity***	Pas	100-150

* Measured @ thickness 0.025 mm ** reference value: old measurement method

*** Shear rate 4.6s⁻¹ / 25°C



KERATHERM® Thermal Greases are ceramic-filled single component silicones with a high thermal conductivity.

The thermal paste KP100 sets new standards in terms of cooling high-performance electronic components such as SiC MOSFETS. Due to its ultra-thin bond-line thickness of < 25 μ m and its special filling, this thermal compound can lead to a massive improvement in terms of resistance to power cycle tests.

Special packing on request!

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