

Keratherm Thermal Grease: KP 99



The thermal grease KP 99 is a high quality thermal grease.

The homogenous and thixotropic grease shows a very good fluidity thanks to its good viscosity characteristics.

An optimum surface adaption is guaranteed.

APPLICATIONS

- Notebooks
- Desktop CPU's
- Heat Pipes

DISCLAIMER: Purchaser shall be solely responsible for determining the adequacy of the product for any and all uses which the purchaser shall apply the product, and the application of the product by the purchaser shall not be subject to any implied warranty of fitness for that purpose.

Properties	symbol	unit	KP 99
Color			anthracite
Consistency			soft/paste
Thermal Properties			
Thermal Resistance	R_{th}	K/W	0.0068
Thermal Impedance	R_{ti}	$^{\circ}\text{Cmm}^2/\text{W}$ Kin^2/W	2.72 4.2×10^{-3}
Thermal Conductivity	λ	W/mK	9.2
Electrical Properties			
Electrically Conductive		pS/m	0
Mechanical Properties			
Coating Thickness		mm	0.025
Viscosity		Pas	90 – 140
Density		g/cm^3	1.9
Application Temperature		$^{\circ}\text{C}$	-60 to +150
Long Term Stability (1000h / 85°C / 85% relative humidity)			
Thermal Resistance	R_{th}	K/W	0.0068
Total Mass Loss (TML)		Ma.-%	≤ 0.8

Regarding long-term behaviour, the grease does not show any embrittlement or any tendency to cracking but a very good aging resistance. Optimally, you apply this grease in thicknesses of 20 – 40 μm .

Compression KP 99

