



Thermal Paste / Comparison

As each new generation of electronics equipment exhibits higher performance and more and more power into ever smaller packages, it will dissipate power in the form of heat and requires some degree of thermal management.

Thermosol markets a variety of Thermal Management Materials in response to the changing needs of the assembly of electronics packaging in notebook computers, hi-performance CPU, chipsets, mobile electronic appliances, power conversion and amplification modules etc. Our products include thermally conductive Pads / Insulators and gap fillers, thermally conductive adhesive tapes, phase change interface materials, graphite foil.



Part Number	Thermal Cond. W/m-K	Specific Heat kJ/kg-K	Specific Gravity (g/cc)	Specific Volume Resistance (Ohm · cm)	Temp Range °C	Colour
DP-100	6.50	-	2.8	5.9 x 10	-40 ~ 200	Grey
DP-200	4.80	-	2.6	7.2 x 10	-40 ~ 150	Grey
DP-300	4.80	-	2.7	1.4 x 10	-40 ~ 120	White
Part Number	Thermal Cond. W/m-K	Specific Heat kJ/kg-K	Specific Gravity (g/cc)	Specific Volume Resistance (Ohm · cm)	Temp Range °C	Colour
KTP-12	10.0	-	-	-	-60 ~ 150	Silver
KTP-92	10.0	-	-	-	-60 ~ 200	Silver

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Part Number	Thermal Cond. W/m-K	Specific Heat kJ/kg-K	Specific Gravity (g/cc)	Specific Volume Resistance (Ohm · cm)	Temp Range °C	Colour
MGS-A300	4.00	0.8	2.6	2.0 x 10	0 ~ 150	Grey
MGS-C200	1.70	0.9	2.8	2.1 x 10	0 ~ 150	Brown
Part Number	Thermal Cond. W/m-K	Specific Heat kJ/kg-K	Specific Gravity (g/cc)	Specific Volume Resistance (Ohm · cm)	Temp Range °C	Colour
MSC-310	3.2	-	2.5	3 x 10	-45 ~ 150	Grey

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