

THERMAL CONDUCTIVE GREASE

MSC-310

No matter which heat dissipation device is used, if the device and its electronic components are not fastened securely and have excess air between them, heat conductivity will decrease greatly, and maximum performance for the device cannot be achieved. This is where our MSC-310 thermal conductive grease can be used. The thermal conductive grease is an effective heat conducting agent acting between electronic parts and heat dissipation devices for a long time.



Application:

- Electronic parts: IC, CPU, MOS.
- LED, M/B, PS, Heat Sink, LCD-TV, NB, PC.
- DDRII Module, DVD Application.

Properties	Data	Test Method
Colour	Grey	Visual
Viscosity at 25°C	Non flowing	Brookfield RVF #7
Specific Gravity	2.65	2.65
Solvent Content (%)	0	-
Operation Temperature °C	-40 ~ 150	-
Thermal Conductivity (W/mk)	4.2	ASTM D5470
Penetration, 10-1mm	180 ~ 200	ASTM D217
Dielectric Strength (V/mil)	200	ASTM D149
Volume Resistance (ohm-cm)	1.0x10 ¹²	ASTM D257
Bleed (%)	0.01	200°C @ 24 hours
Evaporation (%)	<0.3	200°C @ 24 hours
Thermal Cycle (-%)	25°C/30~80°C/30 min No Degeneration	Thermal Impedance 100 cycles
Compound	Silicone based metal oxide and metal powder	

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