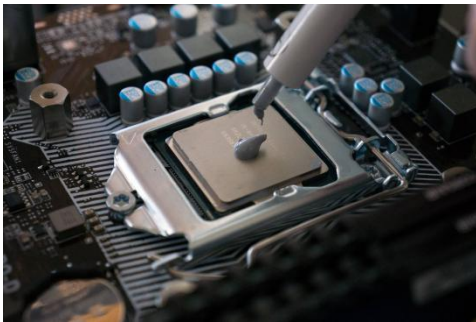


Thermal Paste CTLE300

Electrically Insulating, Thermally Conductive Putty

CTLE300 Thermal grease has excellent thermal conductivity, good reliability, and reliable wettability on copper and aluminum surfaces. It is suitable for interface heat conduction of general CPU, GPU and other heating power devices. Because of its low viscosity, it can fully wet the contact surface and form a low interface thermal resistance, so it can quickly and efficiently transfer heat to the heat dissipation device and apply it on the assembly surface of power device and radiator to help eliminate the air gap on the contact surface, increase the heat flow, reduce the thermal resistance, reduce the working temperature of power device, improve the reliability and prolong the service life.



TYPICAL PROPERTIES OF THERMAL GEL CTLE300

Test Item	Unit	CTLE300	Test Method
Colour	-	White/Gray	Visually
Density	g/cm ³	3.09	ASTM D
Temp Range	°C	-40~150	-
Weight Loss	%	≤0.3	@150°C 240H
Voltage Withstand	KV/mm	≥5	ASTM D149
BLT	µm	≤50	-
Permittivity	@1MHz	7.0	ASTM D150
Dielectric Loss	@1MHz	2.99x10 ⁻³	ASTM D150
Viscosity	Pa·s	1030	ASTM E3116
Thermal Conductivity	W/mk	3.0	ISO 22007-2
Thermal Conductivity	W/mk	3.0	ASTM D5470
Thermal impedance	°C·in ² /w	0.016	ASTM D5470
Thermal impedance	°C·cm ² /w	0.109	ASTM D5470
Specific Heat Capacity	J/g/k	0.807	ASTM E1269

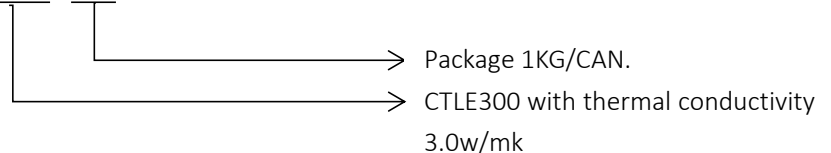
Configurations Available:

- 1kg / can, 5kg / can, 10kg / barrel, 20kg / barrel

Build a Part Number

Standard Options

CTLE300 - 1KG



Product Features

- The wettability of the surface can effectively reduce the thermal resistance of the interface.
- Low volatile, long-lasting paste state.
- Precision viscosity, easy to scrape, easy to operate.
- Environmental protection raw materials, no harmful gas release.

Typical Applications

- Between CPU / GPU and radiator.
- Between power supply resistor and bottom seat.
- Thermoelectric cooling device.
- LED lighting and other industries.

Note: The material can be customized. If you can't find the material that meets your requirements in our existing materials, you can consult the sales manager whether the material you need supports customization, and we will give you a reply within 24H.

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