

TECHNICAL SPECIFICATION

Thermal interfaces for CPUs and GPUs

CA-2 4g

PERMIUM Performance Thermal Grease



Features:

- ◆ It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance and so on.
- ◆ PERMIUM Thermal conductivity $7 \pm 0.1 \text{ w/m.k}$ and lower contact thermal resistance.
- ◆ It can effectively improve the heat dissipation performance of the device and strengthen the reliability of heat management.
- ◆ Meet RoHS standards and related environmental requirements, chemical and physical properties are stable.



Model No.	Color	Content	Thermal conductivity (w/m.k)	Thermal resistance (°C.in/W)	Density (g/cm³)	Operating temperature	Evaporation(200°C, 24h)	Country of origin
CA-1 4g	Grey	4g	$6 \pm 0.1 \text{ w/m.k}$	0.03	$2.6 \pm 0.05 \text{ g/cm}^3$	-40°C to +200°C	≤0.1%	China
CA-2 4g	Grey	4g	$7 \pm 0.1 \text{ w/m.k}$	0.03	$2.5 \pm 0.05 \text{ g/cm}^3$	-40°C to +200°C	≤0.07%	China
CA-3 4g	Grey	4g	$8 \pm 0.1 \text{ w/m.k}$	0.025	$2.5 \pm 0.05 \text{ g/cm}^3$	-40°C to +200°C	≤0.07%	China

TECHNICAL SPECIFICATION

Thermal interfaces for CPUs and GPUs

CA-2 1kg

PERMIUM Performance Thermal Grease



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CA-1 1kg	Grey	1kg	$6 \pm 0.1 \text{ w/m.k}$	0.03	$2.6 \pm 0.05 \text{ g/cm}^3$	-40°Cto+200°C	≤0.1%	China
CA-2 1kg	Grey	1kg	$7 \pm 0.1 \text{ w/m.k}$	0.03	$2.5 \pm 0.05 \text{ g/cm}^3$	-40°Cto+200°C	≤0.07%	China
CA-3 1kg	Grey	1kg	$8 \pm 0.1 \text{ w/m.k}$	0.025	$2.5 \pm 0.05 \text{ g/cm}^3$	-40°Cto+200°C	≤0.07%	China

TECHNICAL SPECIFICATION

Thermal interfaces for CPUs and GPUs

CA-2 20g

PERMIUM Performance Thermal Grease



Features:

- ◆ It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance and so on.
- ◆ PERMIUM Thermal conductivity $7 \pm 0.1 \text{ w/m.k}$ and lower contact thermal resistance.
- ◆ It can effectively improve the heat dissipation performance of the device and strengthen the reliability of heat management.
- ◆ Meet RoHS standards and related environmental requirements, chemical and physical properties are stable.



Model No.	Color	Content	Thermal conductivity (w/m.k)	Thermal resistance (°C.in/W)	Density (g/cm³)	Operating temperature	Evaporation(200°C, 24h)	Country of origin
CA-1 20g	Grey	20g	$6 \pm 0.1 \text{ w/m.k}$	0.03	$2.6 \pm 0.05 \text{ g/cm}^3$	-40°Cto+200°C	≤0.1%	China
CA-2 20g	Grey	20g	$7 \pm 0.1 \text{ w/m.k}$	0.03	$2.5 \pm 0.05 \text{ g/cm}^3$	-40°Cto+200°C	≤0.07%	China
CA-3 20g	Grey	20g	$8 \pm 0.1 \text{ w/m.k}$	0.025	$2.5 \pm 0.05 \text{ g/cm}^3$	-40°Cto+200°C	≤0.07%	China

TECHNICAL SPECIFICATION

Thermal interfaces for CPUs and GPUs

CA-2 0.5g

PERMIUM Performance Thermal Grease



Features:

- ◆ It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance and so on.
- ◆ PERMIUM Thermal conductivity $7 \pm 0.1 \text{ w/m.k}$ and lower contact thermal resistance.
- ◆ It can effectively improve the heat dissipation performance of the device and strengthen the reliability of heat management.
- ◆ Meet RoHS standards and related environmental requirements, chemical and physical properties are stable.



Model No.	Color	Content	Thermal conductivity (w/m.k)	Thermal resistance (°C.in/W)	Density (g/cm³)	Operating temperature	Evaporation(200°C, 24h)	Country of origin
CA-1 0.5g	Grey	0.5g	$6 \pm 0.1 \text{ w/m.k}$	0.03	$2.6 \pm 0.05 \text{ g/cm}^3$	-40°Cto+200°C	$\leq 0.1\%$	China
CA-2 0.5g	Grey	0.5g	$7 \pm 0.1 \text{ w/m.k}$	0.03	$2.5 \pm 0.05 \text{ g/cm}^3$	-40°Cto+200°C	$\leq 0.07\%$	China
CA-3 0.5g	Grey	0.5g	$8 \pm 0.1 \text{ w/m.k}$	0.025	$2.5 \pm 0.05 \text{ g/cm}^3$	-40°Cto+200°C	$\leq 0.07\%$	China