



# ZHONGSHAN CAYOM NEW MATERIAL CO.,LTD

With 14 years of technology accumulation and market experience, Cayom is committed to providing customers with a high-quality experience and solving the problem of overheating of computers and lamps for players.

**Contact:** Katrina Lam

**Mobile:** +86 17688147413

**WhatsApp:** +86 13715557871

**E-mail:** [katrina@thermal-cayom.com](mailto:katrina@thermal-cayom.com)

**Address:** NO.1 Guifu Xishang Street, Fusha, Zhongshan, China

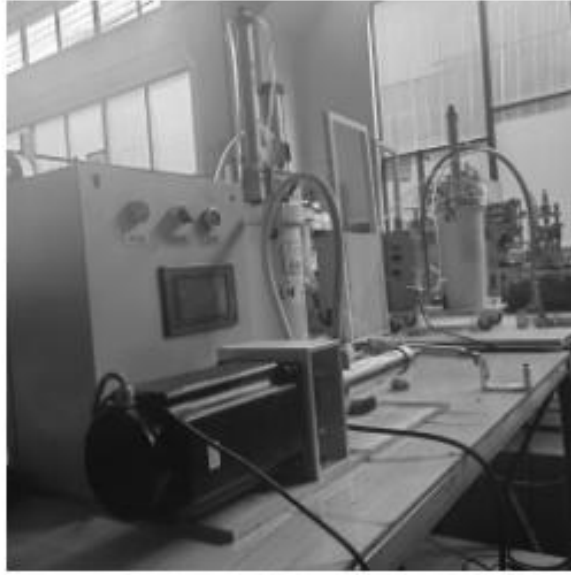


We take "innovation as the driving force and service as the purpose" as our development goals, insist on continuously improving product quality and service levels, and have won the trust and support of our customers.





# ***Factory picture***



# ■ Introduce

## Zhongshan Cayom New Material Co.,Ltd

We are a company specializing in the production and sales of various high-performance thermal greases and thermal silica gels. The company has advanced production equipment and testing instruments, as well as a professional R&D team and technical personnel, and is committed to providing customers with high-quality products and services. The company's main products fall into two categories: one is thermal grease for computer CPUs, and the other is thermal silicone for lamps.

The computer CPU thermal grease produced by the company has the characteristics of high thermal conductivity, low oil separation, low volatility, high stability, etc., and is suitable for various brands and models of CPUs. We take "innovation as the driving force and service as the purpose" as our development goals, insist on continuously improving product quality and service levels, and have won the trust and support of our customers.

### Quality product

Quality assurance, cost-effective high performance products

### Solution

Provide thermal conductive silicone grease product solutions

### Technology

With 14 years of technology accumulation and market experience



# CONTANTS

## Thermal Interfaces for CPUs and GPUs

- 1 CA-1 PERFORMANCE Thermal Grease
- 2 CA-2 PREMIUM Performance Thermal Grease
- 3 CA-3 ULTIMATE Performance Thermal Grease



# Thermal interfaces for CPUs and GPUs

CA-1 4g

Performance Thermal Grease



## Features:

- ◆ CA-1 is very easy to apply, even for beginners.It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance .
- ◆ Thermal conductivity  $6\pm0.1\text{w/m.k}$  and low 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± 0.1w/m.k                  | 0.03                         | 2.6 ± 0.05g/cm³ | -40°Cto+200°C         | ≤0.1%                   | China             |
| CA-2 4g   | Grey  | 4g      | 7± 0.1w/m.k                  | 0.03                         | 2.5 ± 0.05g/cm³ | -40°Cto+200°C         | ≤0.07%                  | China             |
| CA-3 4g   | Grey  | 4g      | 8± 0.1w/m.k                  | 0.025                        | 2.5 ± 0.05g/cm³ | -40°Cto+200°C         | ≤0.07%                  | China             |

# 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             |

# Thermal interfaces for CPUs and GPUs

**CA-3 4g**  
ULTIMATE Performance Thermal Grease



## Features:

- ◆ CA-3 is very easy to apply, even for beginners. It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance .
- ◆ ULTIMATE highest thermal conductivity  $8\pm0.1\text{w/m.k}$  and lower contact thermal resistance.
- ◆ 280 °C heating platform aging:4hours. 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°Cto+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°Cto+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°Cto+200°C         | ≤0.07%                  | China             |



# Thermal interfaces for CPUs and GPUs

CA-1 1kg

Performance Thermal Grease



## Features:

- ◆ CA-1 is very easy to apply, even for beginners.It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance .
- ◆ Thermal conductivity  $6\pm0.1\text{w/m.k}$  and low 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 1kg  | Grey  | 1kg     | 6± 0.1w/m.k                  | 0.03                         | 2.6 ± 0.05g/cm³ | -40°Cto+200°C         | ≤0.1%                   | China             |
| CA-2 1kg  | Grey  | 1kg     | 7± 0.1w/m.k                  | 0.03                         | 2.5 ± 0.05g/cm³ | -40°Cto+200°C         | ≤0.07%                  | China             |
| CA-3 1kg  | Grey  | 1kg     | 8± 0.1w/m.k                  | 0.025                        | 2.5 ± 0.05g/cm³ | -40°Cto+200°C         | ≤0.07%                  | China             |

# Thermal interfaces for CPUs and GPUs

CA-2 1kg

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 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             |

# Product

## Thermal interfaces for CPUs and GPUs

CA-3 1kg

ULTIMATE Performance Thermal Grease



### Features:

- ◆ CA-3 is very easy to apply, even for beginners. It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance .
- ◆ ULTIMATE highest thermal conductivity  $8\pm0.1\text{w/m.k}$  and lower contact thermal resistance.
- ◆ 280 °C heating platform aging:4hours. 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 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             |



# Thermal interfaces for CPUs and GPUs

CA-1 20g  
Performance Thermal Grease



## Features:

- ◆ CA-1 is very easy to apply, even for beginners.It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance .
- ◆ Thermal conductivity  $6\pm0.1\text{w/m.k}$  and low 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             |

# 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*cm <sup>2</sup> /W) | Density (g/cm <sup>3</sup> ) | Operating temperature | Evaporation(200°C, 24h) | Country of origin |
|-----------|-------|---------|------------------------------|--|------------------------------|-----------------------|-------------------------|-------------------|
| CA-1 20g  | Grey  | 20g     | 6± 0.1w/m.k                  | 0.03                                       | 2.6 ± 0.05g/cm <sup>3</sup>  | -40°Cto+200°C         | ≤0.1%                   | China             |
| CA-2 20g  | Grey  | 20g     | 7± 0.1w/m.k                  | 0.03                                       | 2.5 ± 0.05g/cm <sup>3</sup>  | -40°Cto+200°C         | ≤0.07%                  | China             |
| CA-3 20g  | Grey  | 20g     | 8± 0.1w/m.k                  | 0.025                                      | 2.5 ± 0.05g/cm <sup>3</sup>  | -40°Cto+200°C         | ≤0.07%                  | China             |

# Thermal interfaces for CPUs and GPUs

CA-3 20g  
ULTIMATE Performance Thermal Grease



## Features:

- ◆ CA-3 is very easy to apply, even for beginners. It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance .
- ◆ ULTIMATE highest thermal conductivity  $8\pm0.1\text{w/m.k}$  and lower contact thermal resistance.
- ◆ 280 °C heating platform aging:4hours. 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             |



# Thermal interfaces for CPUs and GPUs

CA-1 0.5g  
Performance Thermal Grease



## Features:

- ◆ CA-1 is very easy to apply, even for beginners. It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance .
- ◆ Thermal conductivity  $6\pm0.1\text{w/m.k}$  and low 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    | $6\pm0.1\text{w/m.k}$        | 0.03                        | $2.6\pm0.05\text{g/cm}^3$ | -40°Cto+200°C         | ≤0.1%                   | China             |
| CA-2 0.5g | Grey  | 0.5g    | $7\pm0.1\text{w/m.k}$        | 0.03                        | $2.5\pm0.05\text{g/cm}^3$ | -40°Cto+200°C         | ≤0.07%                  | China             |
| CA-3 0.5g | Grey  | 0.5g    | $8\pm0.1\text{w/m.k}$        | 0.025                       | $2.5\pm0.05\text{g/cm}^3$ | -40°Cto+200°C         | ≤0.07%                  | China             |

# 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         | ≤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         | ≤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         | ≤0.07%                  | China             |

# Thermal interfaces for CPUs and GPUs

CA-3 0.5g  
ULTIMATE Performance Thermal Grease



## Features:

- ◆ CA-3 is very easy to apply, even for beginners. It has the properties of low oil separation, high and low temperature resistance, water resistance, ozone resistance, weathering resistance .
- ◆ ULTIMATE highest thermal conductivity  $8\pm0.1\text{w/m.k}$  and lower contact thermal resistance.
- ◆ 280 °C heating platform aging:4hours. 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±0.1w/m.k                   | 0.03                         | 2.6 ± 0.05g/cm³ | -40°Cto+200°C         | ≤0.1%                   | China             |
| CA-2 0.5g | Grey  | 0.5g    | 7±0.1w/m.k                   | 0.03                         | 2.5 ± 0.05g/cm³ | -40°Cto+200°C         | ≤0.07%                  | China             |
| CA-3 0.5g | Grey  | 0.5g    | 8±0.1w/m.k                   | 0.025                        | 2.5 ± 0.05g/cm³ | -40°Cto+200°C         | ≤0.07%                  | China             |



# CAYOM

THERMAL GREASE

<https://thermal-cayom.com/>

Zhongshan Cayom New Material Co.,Ltd

**Contact:** Katrina Lam

**Mobile:** +86 17688147413

**WhatsApp:** +86 13715557871

**E-mail:** [katrina@thermal-cayom.com](mailto:katrina@thermal-cayom.com)

**Address:** NO.1 Guifu Xishang Street, Fusha, Zhongshan, China

