

## Product Data Sheet Type: PA701/100g

Group: ACCESSORIES Thermal Interface Material

Heat conductive paste

Pieces/Unit : 100g  
Container : Injection  
Material : Silicon free



Thermal compound to increase heat conductivity between heat sink and electrical package by filling up pockets of air between interface contacts. For an area of 100x100 mm (unmilled extruded profile) about 4,0g of thermal compound should be spread out as a thin film.

This product is classified as a hazardous substance.

Technical data

Technical specification: Environmentally hazardous substance, solid n.o.s \* (zinc-oxide)

- Material free of silicone: synthetic ester oil (base oil) + powdered metal oxide/ Montmorillonite (Thickener)
- None toxic, neutral in smell
- Form: Grease
- Colour: White
- Heat- proof up to: 200°C
- Density (20°C): 2,00g / cm<sup>3</sup>
- Operating temperature range: -40 / + 150°C
- Thermal conductivity: min. 0,5 W/mK
- Pour point: below -60°C
- Grease precipitation: 0,4%
- Relative dielectric constant(10<sup>6</sup>Hz): 0,4
- Shelf life: To be used within 6 months

According to the Dangerous Goods Ordinance GGVSEB (Road, Rail and Inland Shipping)

As well as IATA (airfreight), this article shall be treated as dangerous goods.

Please note the separate shipping conditions.

Halver April 17, 2017

**Dangerous goods shipment  
Thermal compound PA700 PA701**

Dear Sir or Madam,

According to the Dangerous Goods Ordinance GGVSEB (road, railway and inland waterways) as well as IATA (airfreight), our heat conductive pastes PA700 and PA701 are to be treated as dangerous goods.

Already in the past these were sent in separate packages with appropriate stickers to meet the legal requirements.

From January 2017, our partner will bill a dangerous goods surcharge for the transport of dangerous goods.

- |         |  |
|---------|--|
| 5, - €  | Extra charge for shipments including containers up to 30 g<br>(Up to total weight 1kg)   |
| 20, - € | Extra charge for shipments including containers up to 5 kg<br>(up to total weight 30 kg) |

These surcharges will first be forwarded to our customers as freight costs.  
We are working on a solution to limit these additional costs in the future.

If you have any questions please do not hesitate to contact us.

Best regards  
ALUTRONIC Kühlkörper GmbH & Co KG



Florian Schlachtenrodt