

Product Technical Data Sheet

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AG Silver

AG Silver is a thermal conductive paste with the addition of silver compounds. Its thermal conductivity is much higher than the conductivity of typical carbon-silicon compounds.

This product complies with the ROHS Dangerous Substances Directive.

Application:

fills micro-inequalities between the touching elements, e.g. processor and radiator, perfect as a substance transferring heat from the condenser tubes to the exchanger in the vacuum solar collector.

Properties:

| Parameters | UoM | Result |
|---------------------------|-----------------------|---------------|
| Colour | - | silver |
| Thermal conductivity | W/mK | > 3,8 |
| Thermal impedance | °C in ² /W | < 0,087 |
| Specific weight | g/cm ³ | > 1,7 |
| Evaporation | - | < 0,001 |
| Ingress | - | < 0,05 |
| Dielectric constant | - | > 5,1 |
| Viscosity | - | does not flow |
| Thixotropic index | - | 380+/-10 |
| Operating temperature | °C | -30 ~ 300 |
| Resistance to temperature | °C | -50 ~ 340 |

Packagings:

| Volume | Type of packaging | Collective packaging | Item Code |
|--------|-------------------|----------------------|-------------|
| 0,5 g | sachet | 20 / 200 | ART.AGT-143 |
| 1 g | syringe | 5/100 | ART.AGT-164 |
| 3 g | syringe | 5/50 | ART.AGT-107 |
| 4 g | bottle with brush | 5 | ART.AGT-124 |
| 100 g | plastic box | 1 | ART.AGT-118 |
| 1 kg | plastic box | 1 | ART.AGT-149 |
| 100 ml | aerazol | 4 / 20 | ART.AGT-146 |

Warehousing:

Store in a well-ventilated, cool and dry place. Keep containers tightly closed when not in use. Protect against sunlight exposure.

Data contained in this document are consistent with the current state of our knowledge. They describe typical product properties and applications. However, it is up to the user to examine the suitability of this product for specific applications. We deny liability for the obtained results on the grounds that application conditions lie beyond our control.