

Product Technical Data Sheet

Thermal conductive paste HP

Thermal conductive paste necessary for the proper operation of all kinds of temperature sensors. Protects against weathering, prevents thermal breakdowns. It is characterized by a very good chemical resistance to oxidation; the effect of aqueous solutions of acids, alkali and salts; sulphur dioxide and ammonia. It has a wide operating temperature. Does not conduct electricity.

Application:

units modules with a high heat transfer coefficient,
 cooling devices on terminal boards or frames,
 flash memory drives and high speed drives,
 motor control systems in the automotive industry,
 hard disc and DVD drives,
 power transducers,
 high-power LED diodes,
 network communication devices,
 home appliances,
 electronic and electrical components,
 transfer of heat from the condenser tubes to the exchanger in the vacuum solar collector.

Physicochemical properties:

Parameters	UoM	Result
Colour	-	white
Thermal conductivity	W/mK	1,5
Thermal impedance	°C in ² /W	0,0227
Specific weight	g/cm ³	2,1
Evaporation	-	0,001
Ingress	-	0,05
Dielectric constant	-	5,0
Viscosity	-	does not flow
Thixotropic index	-	380+/-10
Resistance to temperature	°C	-50 ~ 300
Operating temperature	°C	-50 ~ 250

Packagings:

Volume	Type of packaging	Collective packaging	Item Code
60 g	cartridge	5	ART.AGT-125
100 g	plastic box	6	ART.AGT-127
100 ml	aerosol	4 / 20	ART.AGT-147
1 kg	plastic box	1	ART.AGT-113
7 g	Tube	10 / 300	ART.AGT-284

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.