

Product Technical Data Sheet

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Thermal Conductive Paste H

Silicon compound facilitates the transfer of heat between electronic components and the radiator. It is essential to 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 range: from - 50 °C to 200 °C.

Application:

- temperature sensors
- facilitates the flow between electronic components and the radiator

Physicochemical properties:

Parameters	Result
density at 20 °C	2.58 g/cm ³
flash point	350 °C
solidification point	-50 °C
refractive index:	1,405
specific heat at 50 °C	0,243 Cal /g K
heat transfer coefficient at 0-150 °C	0,78 W/m K
dielectric constant at 100 Hz	4,7 (±0,1)
volume resistance	5 x 10 ¹⁴ Ohm x cm
tangent of the angle of the dielectric loss index at f=100 Hz	0,020 (±0,003)
operating temperature range	-50-200 °C

Packagings:

Volume	Collective packaging	Item Code
0,5 g (softpack)	20	ART.AGT-144
7 g (tube)	100	ART.AGT-055
25 g (syringe)	2 or 16	ART.AGT-056
100 g (container)	6 or 36	ART.AGT-057
800 g (cartridge)	4	ART.AGT-120
1 kg (container)	1	ART.AGT-058
5 kg (bucket)	1	ART.AGT-059

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.