

Description

ISTANT PT1 is a thermal paste based on metal oxides thickened silicone oil with high thermal conductivity properties. It's suitable for all applications requiring thermal conductivity and heat dissipation (i.e. electrical and electronic components couplings).

Colour :	white
Base :	silicone oil
Thermal conductive components :	metal oxides
Density :	2,10 g/cm ³
Temperature range :	-100°C/+200°C
Thermal conductivity :	~1,2 W/mK
Specific strength :	1x10 ¹⁵ Ohm/cm
Dielectric strength :	18 kV/mm
Penetration :	300 - 400
Shelf life 12 months at +25°C in original unopened packaging	

Properties

- Wide temperature range with low evaporation weight loss.
- High thermal conductivity either at low or at high temperature.
- Very good adhesion features.
- Easy to be used

Application fields

Istant PT1 offers good adhesion and very high thermal conductivity for diodes, transistors heat sinks and thermostats.

Instructions for use

Apply PT1 on clean surfaces using brush or spatula.

Storage

Keep product in a cool and dry room at temperature not exceeding +25°C. To avoid contaminations do not refill containers with used product. For further information on applications, storage and handling contact Istant Technical Service.

Safety and handling

Consult Material Safety Data Sheet before use.

Note

The data contained herein, obtained in Istant laboratories, are given for information only; if specifics are required, please contact Istant Technical Department. Istant ensures abiding quality of supplied products according to its own specifics. Istant cannot assume responsibility for the results obtained by others which methods are not under Istant control. It is user's responsibility to determine suitability for user's purpose of any product mentioned herein. Istant disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Istant products. Istant specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.