

Silicone Thermal Grease TGP-700 7W/mk

Applications



- CPU, GPU (Notebooks, Desktops, Servers)
- Custom ASICS Chips
- LED Applications
- Digital Mobile Convergence

The TGP thermal compound is a non-electrically conductive thermal grease with exceptionally high thermal conductivity of 7.0W/mk. It is a silicone-based thermal grease made from a silicone fluid with thermally conductive material and metal oxide fillers. The product offers high thermal conductivity, virtually no wide operating bleed or evaporation over temperature range.

TGP series has low viscosity and easy handling properties to comparable grease. So it easily coats the surface of the component. Especially it has superior wetting properties and so completely fills the microscopic surface of the component, resulting in very low thermal resistance.

TGP series is an efficient thermal coupler, effective and positive heat sink sealers and heat transfer agent. TGP series is very stable at elevated temperature. It does not dry out, settle or harden. So it is superior reliable properties at temperature range.

Available in containers suitable for mass production, along with syringes for small piece work and repair work.

Available in 30g syringes for R&D and container tubs for mass production

Item	Unit	Specification	Test Method
Appearance	-	Grey	Visual
Specific Gravity	-	2.7	ASTM D70
Viscosity	Pa • s	380	Brookfield
Thermal Conductivity	W/mK	7.0	Laser Flash
Thermal Resistance	°C-cm ² /W	0.07	ASTM D5470
Insulation Resistance	-	-	-
Operating Temperature	°C	0-150	-
RoHS	-	-	N/D
Storage Temperature	-	Room Temperature	-

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