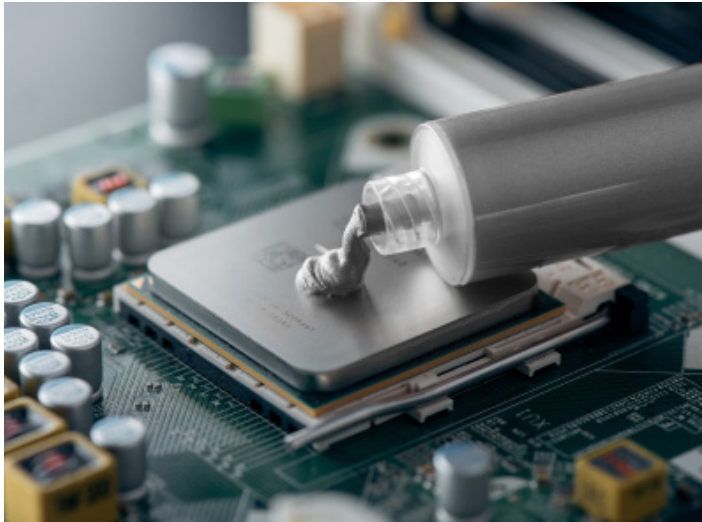


## TGR 5.0 - THERMAL GREASE

Data Sheet DS\_96

1/1



## DESCRIPTION

Thermal grease, also known as thermal compound, offers several advantages, including high thermal conductivity, low thermal resistance, and excellent heat transfer properties. It fills gaps and irregularities between components, reducing the risk of overheating and improving the overall performance and lifespan of electronic devices.

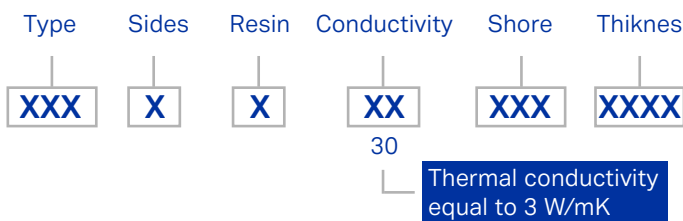
Thermal grease is easy to apply and remove, making it ideal for testing and prototyping. It is also non-toxic and non-corrosive, making it safe for use in sensitive applications such as medical devices, IGBT and power components



RoHS 3 / REACH  
Last updated compliance directive



## PART NUMBER:



## TYPICAL APPLICATIONS:

- High frequency microprocessor
- Computer
- Power adapter
- Audio video equipment
- LED lighting products

Properties	UNITS	TGR1S504500030	TEST METHOD
Color	-	Grey	Visual
Main components	-	silicone grase	***
Addition material	-	metallic oxide	***
Viscosity 25°C	K cps	450	Brookfield RVF, #7
Density	g/cm <sup>3</sup>	2.80	***
Aplicate temperature	°F/°C	-49 to 392 / -45 to 200	***
Thermal conductivity	W/mK	5.0	ASTM D5470
Volatilization (200°C, 24h)	%	0.14	***
Oil bleeding (200°C, 24h)	%	3.6	***
Thermal Impedance @50psi	°C-in <sup>2</sup> /W	0.07	ASTM D5470
RoHS (10)	-	PASS	IEC 62321
Halogen (4)	-	PASS	EN 14582
REACH (191)	-	PASS	EN 14372

## STORAGE CONDITIONS

Store in a ventilated, cool and dry place, do no touch open flames. This product is nontoxic and is stored and transported as non-dangerous goods.