

G3380NA/NB/NC

Non-Silicone Thermal Grease Series

Non-Silicone Thermal Compound G3380N is made of non-silicon resin material and pollution of optical surfaces. Low thermal resistance and great thermal conductivity. G3380N has been used extensively in Consumer electronics and Microprocessors for their thermal control techniques. The grease can cover several coats on the component interface. When the component's temperature rises, the grease stickiness will decrease, which can moisten the interface components.

FEATURES

- / Thermal conductivity: 1.3 / 3.2 / 4.5 W/m*K
- / No outgassing
- / Low thermal impedance

TYPICAL APPLICATION

- / CPU and chip coolers
- / Switching power supplies
- / LED appliance
- / Between any heat-generating component and heat sink

CONFIGURATIONS

- / Cartridges: 50ml
- / Tinplate Can:1kg
- / Other special and custom sizes are available upon request

PRESERVATION

It can be preserved for 60 months under the condition of unopened and under room temperature 25°C.

TYPICAL PROPERTIES

PROPERTY	G3380NA	G3380NB	G3380NC	TEST METHOD	UNIT
Color	White	Gray	Gray	Visual	-
Resin base	Non-Silicone	Non-Silicone	Non-Silicone	-	-
Filler	Non-Metal	Metal	Metal	-	-
Viscosity	96	43	93	ISO 3219	Pa.s
Density	2.2	1.9	2.1	ASTM D792	g/cm ³
Application temperature	-60~150	-60~150	-60~150	-	°C
Bond line thickness	55	33	30	-	µm
Shelf life	60 months	60 months	60 months	-	-
ROHS & REACH	Compliant	Compliant	Compliant	-	-
ELECTRICAL					
Dielectric breakdown	14	N/A	N/A	ASTM D149	KV/mm
Volume resistivity	>10 ¹¹	N/A	N/A	ASTM D257	Ohm-m
THERMAL					
Thermal conductivity	1.3	3.2	4.5	ASTM D5470	W/m*K
Thermal impedance@50psi	0.05	0.03	0.02	ASTM D5470	°C-in ² / W
Thermal impedance@50psi	32.2	22.5	12.9	ASTM D5470	°C-mm ² / W



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