

# TG4040 & TG6060 PUTTY Thermal Putty

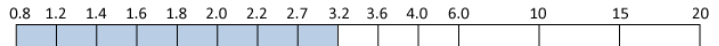
REACH RoHS UL



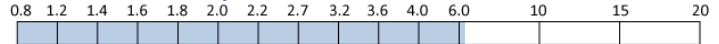
### Features

- Silicone-type spacer with great long term reliability
- Lower thermal resistance than thermal pads
- Physical property between liquid and solid state
- Elimination of different gap between heat source and the heatsink
- Can be applied with dispenser

### Thermal Conductivity : 3.2 W / mK



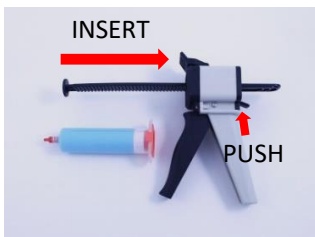
### Thermal Conductivity : 6.3 W / mK



### Applications

Electronic components: IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom device, Wireless hub, DDR II Module, DVD Applications, Hand-set applications etc.

### Operation Manual-Gel Gun



STEP 1 - Push the latch and insert the stick



STEP 2 - Put the tube in and twist



STEP 3 - Close the cover



STEP 4 - Take off the plug

### Reliability

Thermal Impedance	TG4040 Putty					TG6060 Putty				
	Initial	200 Hr	400 Hr	700 Hr	1000 Hr	Initial	200 Hr	400 Hr	700 Hr	1000 Hr
125°C Aging	0.058	0.059	0.060	0.059	0.060	0.052	0.051	0.050	0.052	0.052
160°C Aging	0.058	0.059	0.060	0.060	0.0592	0.052	0.052	0.051	0.052	0.051
85°C/85% RH	0.058	0.059	0.060	0.059	0.060	0.052	0.051	0.050	0.052	0.051

### Properties

Properties	TG4040 Putty	TG6060 Putty	Unit	Tolerance	Test Method
Thermal Conductivity	3.2	6.3	W / mK	±0.3	ASTM D5470
Color	Blue	Blue	-	-	Visual
Solid Content	100(One-Part)	100(One-Part)	%	-	-
Viscosity 0.5rpm	3000	2,500~3,000	Pa·s	-	Brookfield
Density	3.0	3.3	g / cm <sup>3</sup>	-	ASTM D792
Volume Resistivity	10 <sup>13</sup>	10 <sup>13</sup>	Ohm-m	-	ASTM D257
Working Temperature	-50~180	-50~180	°C	-	-
Standard package	90g/165g/1kG	90g/165g/1kG	Tube / Pot	-	-
Need samples?	Pre-cut for different shapes				

高柏科技 T-Global Technonology Co., Ltd

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