

# TG4040 PUTTY 導熱膠泥

## Thermal Putty

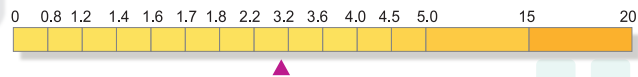


### 產品特性 Features

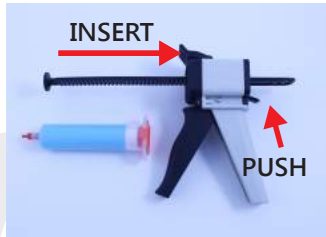
Silicone-type spacer with great long term reliability  
優異的長期可靠度的含矽型導熱膠  
Lower thermal resistance than thermal pads  
較導熱片低的接觸熱阻  
Physical property between liquid and solid state  
介於液態和固態的物理特性擁有非常低的熱阻抗  
Best for different heights of gaps from heat sources within  
the product 對應產品內高低不平的熱源  
Can be applied with dispenser 可使用點膠機設備作業

### 產品物性 Properties

Thermal Conductivity 導熱係數 : 3.0 W/mK



### 膠槍組裝說明 Operation Manual-Gel Gun



STEP1-Push the latch and insert the stick



STEP 2-Put the tube in and twist



STEP3-Close the cover



STEP4-Take off the plug

### Reliability

Thermal Impedance	Initial	250 Hr	500 Hr	1000 Hr
80°C Aging	0.117	0.118	0.118	0.121
150°C Aging	0.117	0.119	0.122	0.12
85°C/85% RH	0.117	0.121	0.125	0.123

Properties	TG4040 Putty	Unit	Tolerance	Test Method
Thermal Conductivity 導熱係數	3	W / mK	±0.3	ASTM D5470
Color 顏色	Blue藍	-	-	Visual目視
Solid Content固體含量	100(one-part)	%	-	-
Viscosity 0.5rpm黏性	3,000	Pa-s	-	Brookfield
Density密度	3	g / cm <sup>3</sup>	-	ASTM D792
Low MW Siloxane (D4-10)低分子矽氧烷	50	ppm	-	GC/MS
TML全部重量損失比	0.3	%	-	ASTM E595
CVCM可收集的揮發物	0.09	%	-	ASTM E595
Volume Resistivity體積電阻率	10 <sup>14</sup>	Ohm-cm	-	ASTM D257
Working Temp.工作溫度	-50 to 180	°C	-	-
Standard package標準包裝	90g/165g/1KG	Pot/Tube	-	-

Need samples? 樣品需求?

TG4040 PUTTY - 50 gram

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1. Choose the P/N
2. Fill the quantity you need