



Thermal Conductive Grease



特色 Characteristic

不易乾化 Not easy dry and not harden.

熱傳導最大化 Maximize the heat transfer.

高穩定性 High stability.

容易施工 Easy to assemble.

熱阻低 Very low thermal resistance.

適用範圍 Usage

IC, CPU, GPU, MOS, LED, M/B, PSU, PS, Heat Sink, LCD-TV, CASE, NB, PC, HDD, DDR Module, DVD, Relay, Power, etc.

物性 Properties	GC-04	GC-04G	GC-07	Unit	Test Method
顏色 Color	White	Gray	Gray	-----	Visual
導熱係數 Thermal Conductivity	4.0	5.1	7.0	W/m-k	ASTMD5470
針入度 Penetration	280	280	305	mm	ASTM D217
比重 Specific Gravity	2.8	2.8	2.6	g/cm3	ASTM D1475
熱阻抗 Thermal impedance	0.014~0.032	0.012~0.022	0.011~0.017	°C-in2/W	ASTMD5470
油分離度 Oil separation	<0.1	<0.1	<0.05	%	24 hrs at 150°C
黏度 Viscosity	10 ⁵ ~1.6X10 ⁵	10 ⁵ ~1.6X10 ⁵	1.4X10 ⁵ ~ 1.9X10 ⁵	cps	BrookField HBDV-1 PRIME RVF#7 20RPM
揮發份 Volatile component	0.08	0.08	0.16	%	240 hrs at 100°C
溫度範圍 Application temperature	-50~150	-50~150	-50~150	°C	-----

備註 Remark

- * 保存條件：本產品屬於無溶劑性導熱膏，建議在室溫中保存。
- * 保存期限：密封且放置在室溫可保存一年。
- * 使用方式：網印、移印.....等。
- * 如產品有出油現象，請攪拌均勻即可使用。
- * 可媲美日系導熱膏
- * 高性價比
- * Storage Conditions : Store in a cool, dry and ventilated area.
- * Stock period : one year (Unopened).
- * Use method : Screen printing, pad printing, etc.
- If thermal grease looks oily, please stir it until mix well.
- * Similar performance with Japanese thermal paste
- * High C/P value