

Li2000 導熱膠帶 Thermal Tape



產品特性 Features

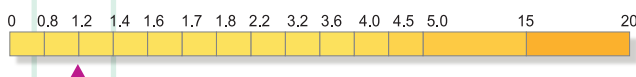
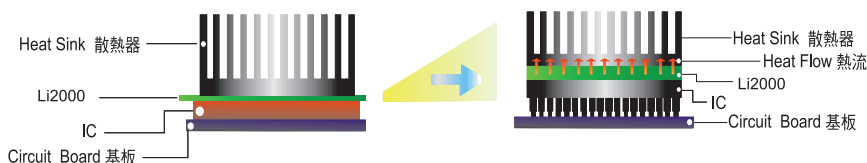
- Silicone PSA 以矽膠為基底
- Short time use temperature of 288°C 短期耐溫高達288°C
- Long time use temperature of 170°C 長時間耐溫高達170°C
- UL compliant 通過UL認證
- Electrical insulation 高電氣絕緣

產品應用端 Applications

- Electronic components: IC, CPU, MOS
- LED, M/B, P/S, Heat Sink,
- LCD-TV, Notebook PC, PC, Telecom Device, Wireless Hub.....etc
- DDR II Module, DVD Applications, Hand-set applications.....etc

產品物性 Properties

- REACH Compliant 符合REACH規範
- RoHS Compliant 符合RoHS規範
- UL Compliant 符合UL規範



Thermal Conductivity 導熱係數: 1.2 W/mK (W/mK, Z axis)

Properties	Li2000		Unit	Tolerance	Test Method
Thermal Conductivity 導熱係數	1.2	1.2	W / mK	±0.12	ASTM D5470
Thickness 厚度	0.15	0.25	mm	-	ASTM D374
Color 顏色	White 白		-	-	Visual 目視
Reinforcement Carrier 補強材	Fiberglass Mesh		-	-	-
Continuous Working Temperature 工作溫度	-45~170	-45~170	°C	-	-
Shor time Use Temperature (30sec) 短期耐溫	288	288	°C	-	-
Density 密度	1.6	1.6	g / cm ³	-	ASTM D792
Initial Tack 初期黏性	10	10	cm	-	PSTC-6
Lap Shear Strength 剪切強度	74	76	N / cm ²	-	D1002
Die Shear Strength @25°C 晶片抗切強度	113	126	N / cm ²	-	-
Die Shear Strength @80°C 晶片抗切強度	80	85	N / cm ²	-	-
Die Shear Strength @150°C 晶片抗切強度	30	35	N / cm ²	-	-
Holding Power 1000g@25°C using 1 in ² 保持力	>40000	>40000	min	-	PSTC-7
Holding Power 1000g@80°C using 1 in ² 保持力	>40000	>40000	min	-	PSTC-7
Holding Power 1000g@150°C using 1 in ² 保持力	>10000	>10000	min	-	PSTC-7
Tensile Strength 抗拉強度	450	650	psi	-	ASTM D412
Dielectric Breakdown Voltage (Vac) 耐電壓	2	3	KV	±10%	ASTM D149
Dielectric Breakdown Voltage (Vdc) 耐電壓	3	4	KV	±10%	ASTM D149
Volume Resistance 體積阻抗	>10 ¹¹	>10 ¹¹	Ohm-cm	-	ASTM D257
Thermal Impedance@ 10psi 熱阻抗	0.7	1.17	°C-in ² / W	-	ASTM D5470
Thermal Impedance@ 30psi 熱阻抗	0.68	1.13	°C-in ² / W	-	ASTM D5470
Thermal Impedance@ 50psi 熱阻抗	0.63	1.07	°C-in ² / W	-	ASTM D5470
Flame Rating 耐燃等級	V-0	V-0	-	-	UL 94

Need samples? 樣品需求? Pre-cut for different shapes 可依需求沖型裁切

