

Li2000 Thermal Tape



Features

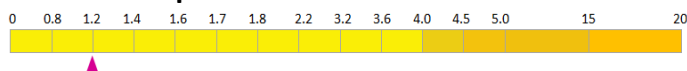
- Good Adhesion (Silicone PSA)
- Low contact thermal impedance
- High bond strength
- High temperature- long term stability
- Electrical insulation

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

Properties

- ✓ REACH Compliant
- ✓ RoHS Compliant

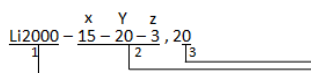
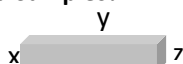


Thermal Conductivity: 1.2 W/m.K (W/m.K, Z axis)

Physical Properties	Li2000		Tolerance	Unit	Test Method
Color	White	White	-	-	Visual
Reinforcement Carrier	Fiberglass		-	-	-
Thickness	0.15	0.25	-	mm	ASTM D374
Continuous Working Temperature	-45~170	-45~170	-	°C	-
Short time Use Temperature (30sec)	288	288	-	°C	-
Initial Tack	10	10	-	cm	PSTC-6
Lap Shear Strength	74	76	-	N/cm ²	D1002
Die Shear Strength @25°C	113	126	-	N/cm ²	-
Die Shear Strength @80°C	80	85	-	N/cm ²	-
Die Shear Strength @150°C	30	35	-	N/cm ²	-
Holding Power 1000g@25°C using 1 in ²	>40000	>40000	-	min	PSTC-7
Holding Power 1000g@80°C using 1 in ²	>40000	>40000	-	min	PSTC-7
Holding Power 1000g@150°C using 1 in ²	>10000	>10000	-	min	PSTC-7
Tensile Strength	6	6	-	N/mm ²	ASTM D412
Dielectric Breakdown Voltage(Vac)	>2	>3	±10%	kV	ASTM D149
Dielectric Breakdown Voltage (Vdc)	>3	>4	±10%	kV	ASTM D149
Volume Resistance	>10 ¹¹	>10 ¹¹	-	Ohm-cm	ASTM D257
Thermal Conductivity	1.2	1.2	±0.12	W/m*K	ASTM D5470
Thermal Impedance@ <1psi	0.9	1.4	-	°C-in ² /W	ASTM D5470
Thermal Impedance@ <10psi	0.81	1.3	-	°C-in ² /W	ASTM D5470
Thermal Impedance@ 30psi	0.76	1.16	-	°C-in ² /W	ASTM D5470
Thermal Impedance@ 50psi	0.73	0.9	-	°C-in ² /W	ASTM D5470
Thermal Impedance@ 70psi	0.68	0.86	-	°C-in ² /W	ASTM D5470
Thermal Impedance@ 100psi	0.54	0.8	-	°C-in ² /W	ASTM D5470
Flame Rating	V-0	V-0	-	-	UL 94

Need Samples?

Pre-cut for different shapes



1. Choose the P/N
2. Fill into size: x, y, z
3. Fill the quantity you need

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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader

