

Li98CN Thermal Tape

REACH Compliant RoHS Compliant

Features

- Good adhesion
- Great reliability
- Cost effective with great performance
- Easy to assemble
- Customization services

Applications

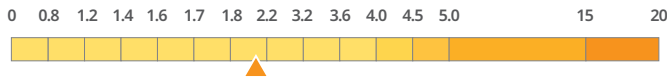
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Storage

T-Global guarantees a 6-month shelf life at maximum continuous storage. Storage temperature should be under 25°C to maintain controlled adhesion to the liner.

Properties

Thermal Conductivity : 2.1 W/m·K



Properties	Unit	Li98CN	Tolerance	Test Method
Thermal Conductivity	W/m·K	2.1	±10%	ASTM D5470 Modified
Thickness	mm	0.18	-	ASTM D374
Color	-	White	-	-
Reinforcement Carrier	-	-	-	-
Operating Temperature	°C	-30~+120	-	-
Short Time Use Temperature (30sec)	°C	200	-	-
Density	g/cm ³	1.8	±5%	ASTM D792
Tensile Strength	psi	-	-	ASTM D412
Glass Transition Temperature	°C	-30	-	-
Initial Tack	cm	15	-	PSTC-6
Lap Shear Strength	N/cm ²	55	-	ASTM D1002
Die Shear Strength @25° C	N/cm ²	100	-	-
Die Shear Strength @80° C	N/cm ²	55	-	-
Holding Power 1000g @25° C using 1 in ²	min	>10000	-	PSTC-7
Holding Power 1000g @80° C using 1 in ²	min	>10000	-	PSTC-7
Peeling Strength 90° (Aluminum)	N/in	>8	-	ASTM D3330
Dielectric Breakdown Voltage (AC)	kV	≥5.1	-	ASTM D149
Dielectric Breakdown Voltage (DC)	kV	≥6.1	-	ASTM D149
Thermal Impedance @10psi	°C*in ² /W	0.73	-	ASTM D5470 Modified
Thermal Impedance @30psi	°C*in ² /W	0.68	-	ASTM D5470 Modified
Thermal Impedance @50psi	°C*in ² /W	0.66	-	ASTM D5470 Modified

※Die-cut for different shapes
 ※Roll type available

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