

TG-A1250LC

High Performance Thermal Pad

REACH Compliant

RoHS Compliant

UL Comparable

Features

- Great thermal conductivity
- Difficult to be deformed
- Easy to assemble
- One side low tack

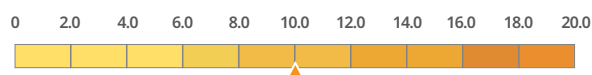
Applications

Best for low and medium power applications

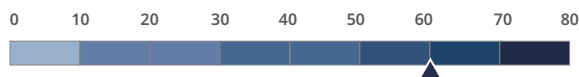
Electronic components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Properties

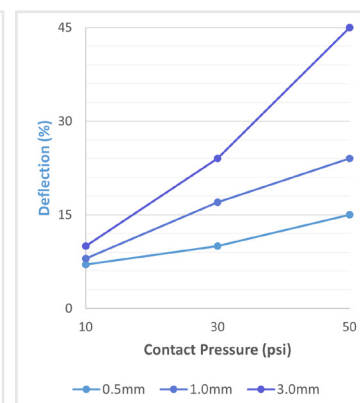
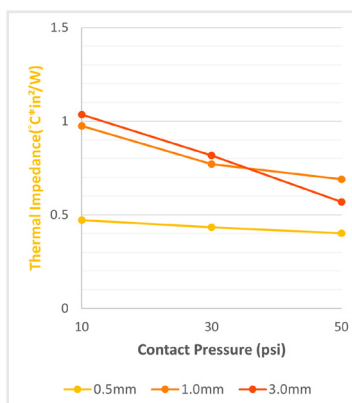
Thermal Conductivity : 10 W/m·K



Hardness : 60 (Shore OO)



Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	TG-A1250LC	Tolerance	Test Method
Thermal Conductivity	W/m·K	10	±10%	ASTM D5470 Modified
Thickness	mm	1.0~4.0	-	ASTM D374
	inch	0.0394~0.1574	-	ASTM D374
Color	-	Pad-Green / LC-Green	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	kV/mm	≥6	-	ASTM D149
Weight Loss	%	<1	-	By T-Global
Density	g/cm³	3.3	-	ASTM D792
Operating Temperature	°C	-50~+180	-	-
Volume Resistivity	Ohm·m	1×10 ¹⁰	-	ASTM D257
Elongation	%	40	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore OO	60	±10	ASTM D2240

※For thicknesses less than 1.0mm, hardness will be adjusted to 50-75 Shore OO to facilitate effective removal of liner during production

※Different tolerances according to the selected thickness

※Die-cut for different shapes

T-Global Technonology Co., Ltd.

No.33, Ln. 50, Daren Rd., Taoyuan Dist., Taoyuan City 330058, Taiwan

T +886-3-361-8899 E service@tglobalcorp.com W www.tglobalcorp.com

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