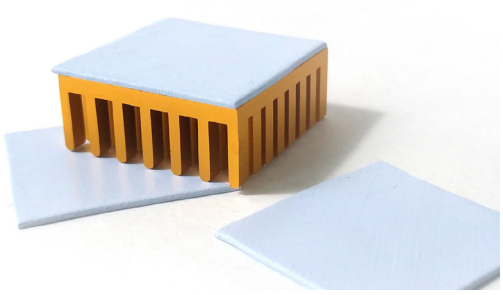


TG-A6200

Ultra Soft Thermal Pad

REACH Compliant | RoHS Compliant | UL Comparable

Features

- High thermal conductivity
- High compressibility
- Natural tack

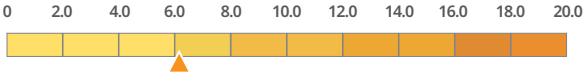
Applications

Best for high power applications

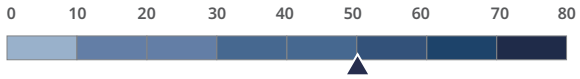
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Properties

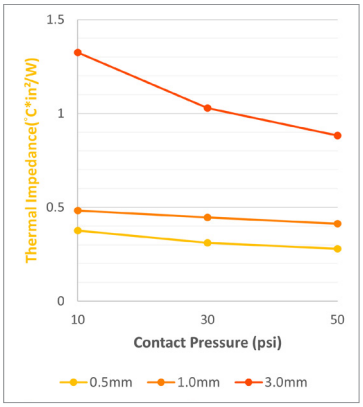
Thermal Conductivity : 6.2 W/m·K

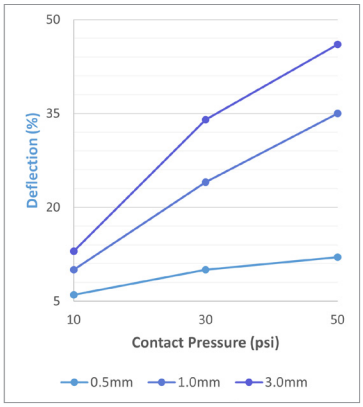


Hardness : 50 (Shore OO)



Contact Pressure, Thermal Impedance, and Deflection





Properties	Unit	TG-A6200	Tolerance	Test Method
Thermal Conductivity	W/m·K	6.2	±10%	ASTM D5470 Modified
Thickness	mm	0.5~8.0	-	ASTM D374
	inch	0.0197~0.3149	-	ASTM D374
Color	-	Blue	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	kV/mm	≥10	-	ASTM D149
Weight Loss	%	<1	-	By T-Global
Density	g/cm^3	3.1	±5%	ASTM D792
Operating Temperature	° C	-50~+180	-	-
Volume Resistivity	Ohm·m	1×10^{13}	-	ASTM D257
Elongation	%	50	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore OO	50	±15	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

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