



TG-A2200

Ultra Soft Thermal Pad

REACH Compliant RoHS Compliant UL Compliant

Features

- One side is non-sticky and easy to assemble
- Ultra soft and good compressibility
- Good insulation

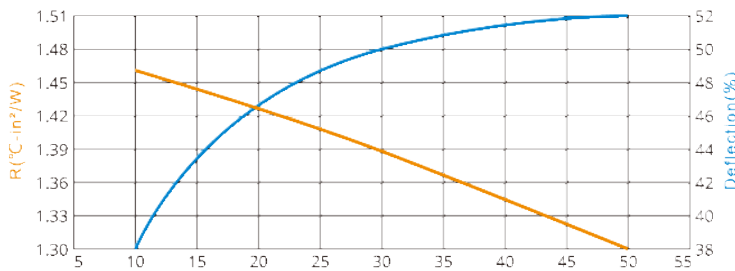
Applications

Best for high power applications

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

Properties

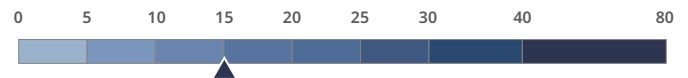
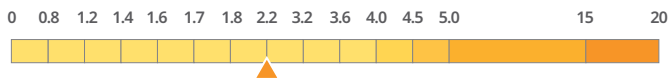
Thermal Resistance VS. Pressure VS. Deflection



Pressure (psi)	R (°C-in²/W)	Deflection (%)
10	1.460	38
30	1.390	50
50	1.300	52

Thermal Conductivity : 2.2 W/mK

Hardness : 15 (Shore 00)



Properties	TG-A2200	Unit	Tolerance	Test Method
Thermal Conductivity	2.2	W/mK	±10%	ASTM D5470
Thickness	0.5~2.0	mm	-	ASTM D374
	0.0197~0.0787	inch	-	ASTM D374
Color	Gray	-	-	Visual
Flame Rating	V-1	-	-	UL 94
Dielectric Breakdown Voltage	≥5	KV/mm	-	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.7	g/cm ³	±10%	ASTM D792
Working Temperature	-40~+180	°C	-	-
Volume Resistance	3×10 ¹²	Ohm-m	-	ASTM D257
Elongation	55	%	-	ASTM D412
Standard Format	Sheets one	-	-	-
Hardness	15	Shore 00	±5	ASTM D2240

※Different tolerances according to the selected thickness
 ※Pre-cut for different shapes

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