

# TG2030 / TG-A2030 Ultra Soft Thermal Pad

REACH Compliant    RoHS Compliant    UL Compliant

## Features

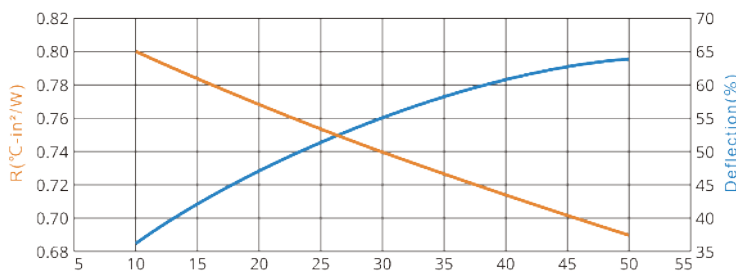
- Low oil-bleed
- Ultra soft and high compressibility
- Electrical insulation
- As a buffer in electronics

## 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

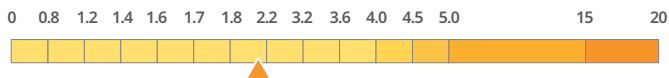
Thermal Resistance vs. Pressure vs. Deflection



Pressure(psi)	R(°C-in²/W)	Deflection(%)
10	0.80	36
30	0.74	55
50	0.69	64

Thermal Conductivity : 2.1 W/mK

Hardness : 25 (Shore 00)



Properties	TG2030 / TG-A2030	Unit	Tolerance	Test Method
Thermal Conductivity	2.1	W/mK	±10%	ASTM D5470
Thickness	0.5~5.0	mm	-	ASTM D374
	0.0197~0.1969	inch	-	ASTM D374
Colour	White	-	-	Visual
Flame Rating	V-0	-	-	UL 94
Dielectric Breakdown Voltage	16.3	KV/mm	±10%	ASTM D149
Weight Loss	<1	%	-	ASTM E595
Density	2.4	g/cm <sup>3</sup>	±10%	ASTM D792
Working Temperature	-45~+200	°C	-	-
Volume Resistance	>10 <sup>10</sup>	Ohm-m	-	ASTM D257
Elongation	300	%	-	ASTM D412
Tensile Strength	1	kgf/cm <sup>2</sup>	-	ASTM D412
Standard Format	Sheet	-	-	-
Hardness	25	Shore 00	±10	ASTM D2240

Pre-cut for different shapes

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