

# TG-A2030 / TG2030 Ultra Soft Thermal Pad

REACH Compliant    RoHS Compliant    UL Compliant

## Features

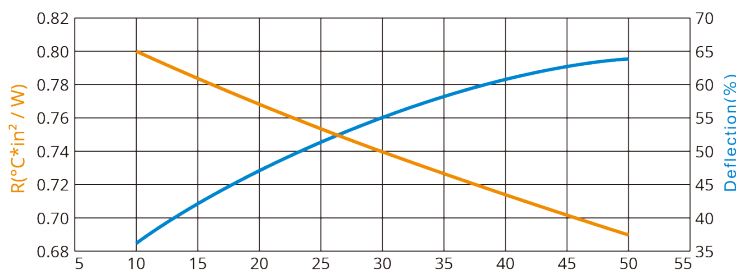
- Low oil-bleed
- Ultra soft and high compressibility
- Electrical insulation
- As a buffer in electronics

## Application:

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

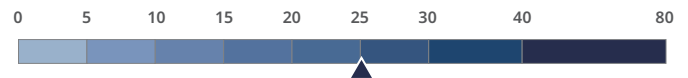
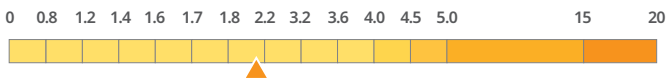
Contact Pressure, Thermal Impedance, and Deflection



Contact Pressure (psi)	Thermal Impedance (°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 OO)



Properties	Unit	TG-A2030 / TG2030	Tolerance	Test Method
Thermal Conductivity	W/m·K	2.1	±10%	ASTM D5470 Modified
Thickness	mm	0.5~5.0	-	ASTM D374
	inch	0.0197~0.1969	-	ASTM D374
Color	-	White	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	KV/mm	≥16.3	-	ASTM D149
Weight Loss	%	<1	-	ASTM E595 Modified
Density	g/cm³	2.4	±5%	ASTM D792
Operating Temperature	°C	-45~+200	-	-
Volume Resistivity	Ohm-m	>10 <sup>10</sup>	-	ASTM D257
Elongation	%	300	-	ASTM D412
Tensile Strength	kgf/cm²	1	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore OO	25	±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

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