

**RoHS  
Compliant**



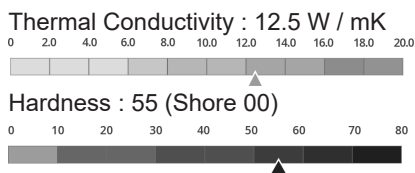
## Features

- High thermal conductivity
- Low thermal impedance
- High compressibility
- Good electrical insulation

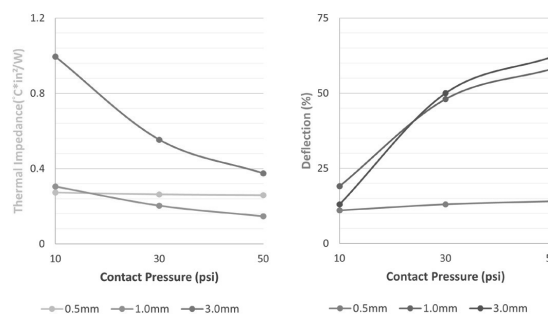
## Applications

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, Powerq Electronics, Robot, Servers, Smart Home, Telecom, etc.

## Properties



## Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	MPTG-A1250	Tolerance	Test Method
Thermal Conductivity	W / mK	12.5	±10%	ASTM D5470 Modified
Thickness	mm	0.5~8	-	ASTM D374
	inch	0.0197~0.3149	-	ASTM D374
Colour	-	Green	-	Colorimeter CIE 1976
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	kV / mm	≥10	-	ASTM D149
Weight Loss	%	<1	-	ASTM E595 Modified
Density	g / cm <sup>3</sup>	3.3	±10%	ASTM D792
Operating Temperature	°C	-50 to +180	-	-
Volume Resistance	Ohm-m	1 × 10 <sup>13</sup>	-	ASTM D257
Elongation	%	40	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore 00	55	±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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## Part Number Table

Description	Part Number
Ultra Soft Thermal Pad, Green, 150mm × 150mm × 3mm	MP-TG-A1250-150-3.0
Ultra Soft Thermal Pad, Green, 120mm × 120mm × 0.5mm	MP-TG-A1250-120-0.5

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