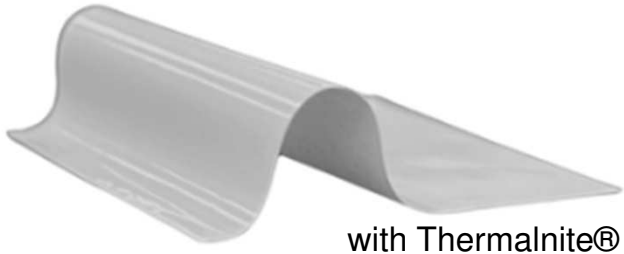


Low Thermal Resistance Sheet

◆ Feature



Size: A4 size

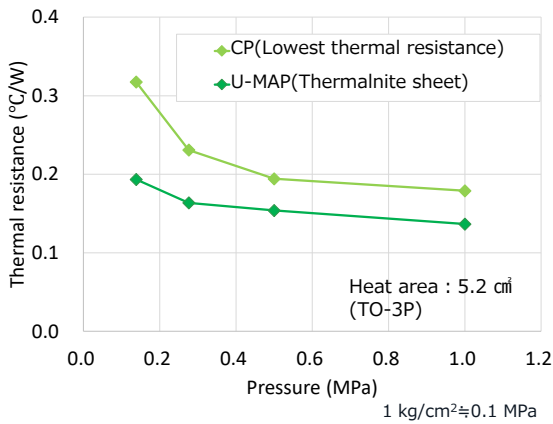
Thickness : 0.1, 0.2, 0.5, 1.0 mm

Feature	Unit	Value
Thickness	mm	0.1
Density	g/cm ³	2.13
Thermal conductivity	W/(m · K)	4.3
Hardness	Asker C	56
Tensile strength	MPa	0.43
Dielectric strength voltage	kV	0.83
Flammability	UL-94	V-0 Equivalent

※Measured values in the table are actual value,, not product standard.

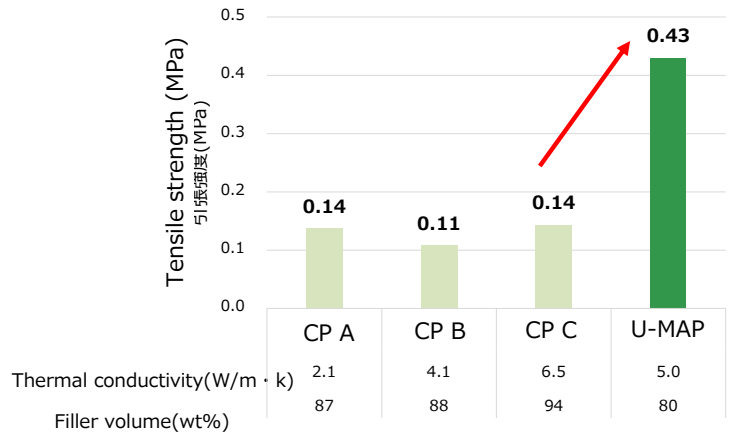
◆ Thermal resistance

Up to 30% less thermal resistance than commercial products
Low thermal resistance under low pressure
⇒High cooling efficiency, can be used even under low pressure



◆ Tensile Strength

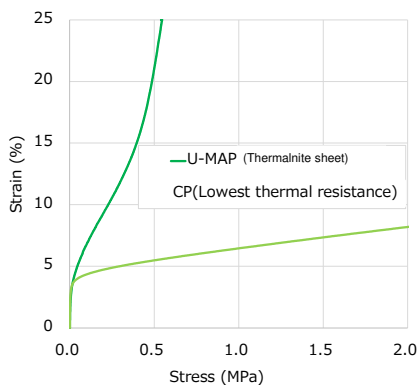
Up to 4x improvement compared to commercial product
⇒High mechanical strength, not easily broken even under high pressure



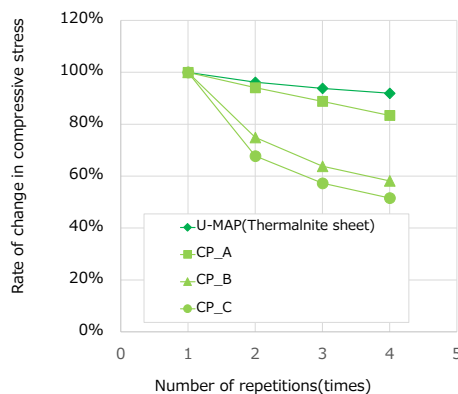
◆ Compression

※Thickness: 6.0mm

Large distortion even under low stress
⇒Soft and high adhesive



Low rate of change in stress even when repeatedly subjected to stress
⇒Excellent thermal resilience



※Stress was applied repeatedly to achieve a strain of 25%.

◆ Temperature

※Applied for LED

4°C reduction compared to commercially available products
⇒High cooling efficiency

