

S818 Thermal Conductive Pad



Feature

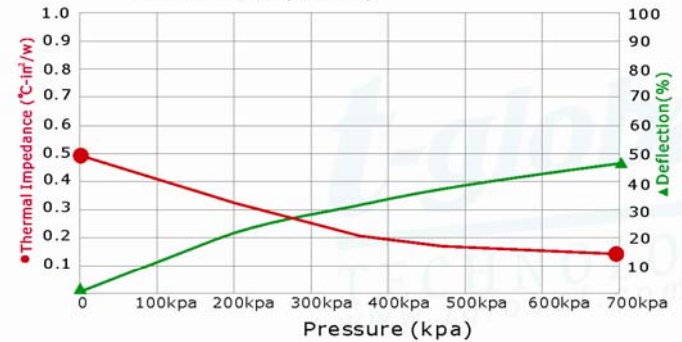
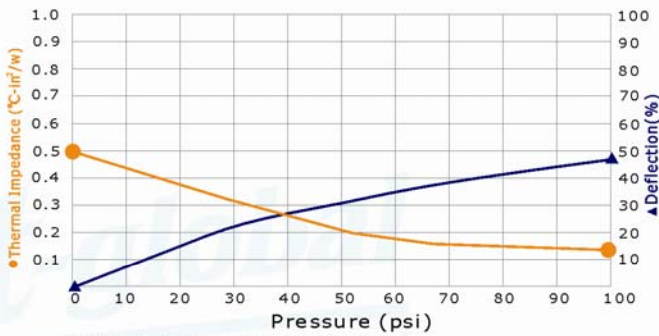
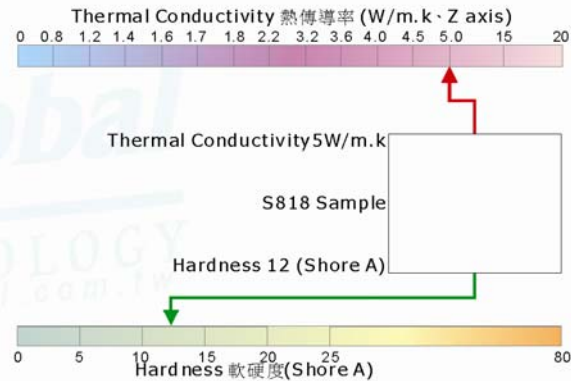
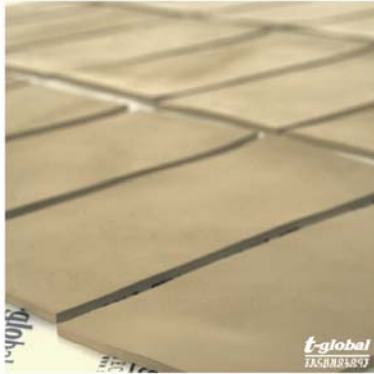
- Ultra high thermal conductivity
- Soft and high compressibility
- Natural tack
- Easy to assemble

特性

- 超高導熱性
- 柔軟及高壓縮性
- 自粘
- 容易施工

Application 產品應用端

- Electronic components: IC、CPU、MOS
- LED、M/B、P/S、Heat Sink、
- LCD-TV、Notebook PC、PC、Telecom Device、Wireless Hub..... etc.
- DDR II Module、DVD Applications、Hand-set applications..... etc.



Testing sample thickness: 1.5mm

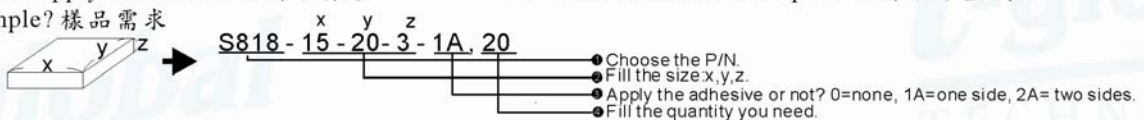
In "Thermal resistance V.S. Pressure V.S. Deflection" chart, S818 provide low thermal impedance. The pressure gets higher, the thermal impedance gets lower, and deflection percentage gets higher. S818 provide good compliance and softness.

Property	S818	Unit	Tolerance	Test
Color 顏色	Brown 棕色	-	-	Visual
Thickness 厚度 (Gap is 0.1mm, 間隙0.1mm) (The thickness can be ordered 可依客戶所需厚度生產)	0.3~20 0.0118~0.787	mm 公厘 inch 公吋	-	ASTMD 374
Thermal Conductivity 導熱係數	5	W/m.k	-	ASTME 1530
Flame Rating 耐燃等級	94V-0	-	-	UL
Insulation Strength 耐電壓值	>8	kv	-	ASTMD 149
Weight Loss 重量損失	<1	%	-	After 24hrs at 200°C
Specific Gravity 比重	2.45	g/cm³	±0.2	ASTMD 792
Working Temperature 工作溫度	-40~+200	°C	-	-
Surface Resistance 表面阻抗	1.3x10 ¹⁴	ohm	-	ASTMD 257
Elongation 延展率	180	%	±0.2	ASTMD 412
Tensile Strength 抗拉強度	6.5	Kgf/cm²	±0.5	ASTMD 412
Standard Shape 標準形狀	-	Sheet ones 單片狀	-	-
Hardness 硬度	12	Shore A	±3	ASTMD 2240
REACH Compliant 符合REACH 規範	Yes 是	RoHS Compliant 符合RoHS 規範	Yes 是	Yes 是

● Available to apply adhesive 可依需求背膠

● Pre-cut for different shape 可依需求沖型裁切

● Need sample? 樣品需求



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