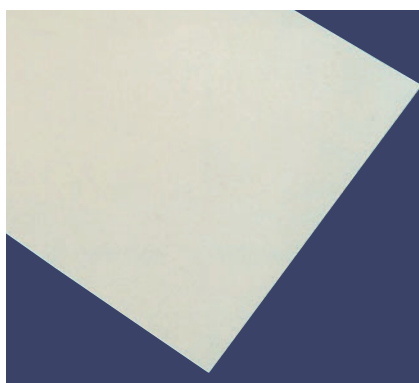




Silicone base 5W/m·K thermal conductive sheet

Features

- Minimal volatile, low-molecular weight siloxane gas for reduced PCB contact failure.
- Operating temperature range -20~125℃

(The values are measured values, but not the product specifications or guaranteed.)

Test type	Unit	Standard	SPVS
Thermal Conductivity	W/m·K	JIS R 2616 (Hot-wire method)	5.0
		ISO22007-2 (Hot Disc method)	3.4
Color	—	—	Green
Thickness	mm	—	0.5 / 1.0 / 1.5
Specific Gravity	—	JIS Z 8807	2.75
Hardness*1	ASKER C	JIS K 7312	70
	Shore 00	ASTM D 2240	86
Tensile strength	MPa	JIS K 6251	0.78
Elongation rate	%	JIS K 6251	16
Volume Resistivity	Ω·cm	JIS K 6911 compliant	3.0×10 ¹¹
Breakdown voltage	kV/mm	JIS C 2110-1 compliant	3.2
Withstanding voltage	kV/mm	JIS C 2110-1 compliant	1.8
Tracking resistance	—	JIS C 2134	PLC:0 (600V or higher) (t=4.0mm)
Dielectric constant	1MHz	Company standard	13.7
Loss tangent	1MHz	Company standard	0.06
Flammability	—	UL94	V-0*3
Operating temp	℃	—	-20~125
Available max. dimension*2	mm	—	200×500

*1) Measured Ultra soft/Super soft/Soft layer, minimum 10mm stacked.
 *2) For usable dimensions, custom cuts, and material yield, contact your local sales department. *3) 1.5F: V-0 equivalent

