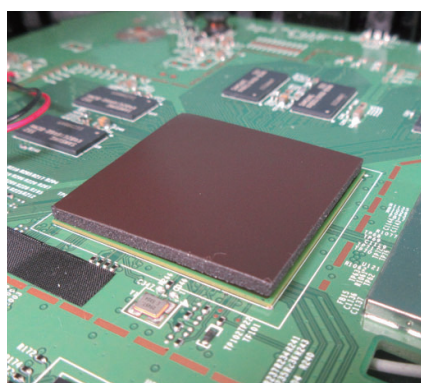




Dual-function broadband EMI absorber thermal conductive sheet

Features

- Suppresses noise from 500MHz to 3GHz.
- Silicone-free generates no siloxane gas and oil bleeding.
- Operating temperature: -40 ~ +110°C
- Thermal conductivity: 0.8W/m·K
- Permeability @10MHz: 7

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

Test type	Unit	Standard	EMPV5-F
Thermal Conductivity	W/m·K	JIS R 2616 (Hot-wire method)	—
		ISO22007-2 (Hot Disc method)	0.8
Color	—	—	Black
Thickness	mm	—	1.0/1.5/2.0
			2.5/3.0/3.5
Specific Gravity	—	JIS Z 8807	2.69
Hardness*1	ASKER C	JIS K 7312	30
	Shore 00	ASTM D 2240	60
Tensile strength	MPa	JIS K 6251	—
Elongation rate	%	JIS K 6251	—
Volume Resistivity	Ω·cm	JIS K 6911 compliant	1.0×10 ¹¹
Breakdown voltage	kV/mm	JIS C 2110-1 compliant	8.8
Withstanding voltage	kV/mm	JIS C 2110-1 compliant	5.0
Tracking resistance	—	JIS C 2134	PLC-2 (350V) (t=3.0mm)
Dielectric constant	1 MHz	Company standard	7.4
Loss tangent	1 MHz	Company standard	0.08
Flammability	—	UL94	V-0 equivalent
Permeability	10MHz	—	7
Operating temp	°C	—	-40~110
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.

