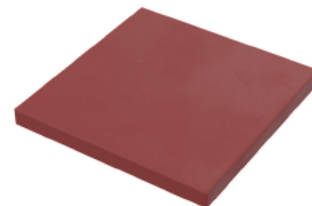


High Thermally Conductive Gap Filler Pad

TP800-8-60 is a 8W/m-K, , high thermal conductive gap filler pad that low thermal resistance and excellent electrical insulation at low compression. It can work stably at -40°C ~150°C and meet UL94 V-0 flame retardant grade.



Features

- 8.0W/m-K
- High electrical insulation
- Wide usage temperature
- High compression ratio

Typical Applications

- VRMs
- ASICs and DSPs
- Network Communication Devices
- BGAs
- CD ROM/DVD ROM

HOW TO ORDER

Patron THER TP800-8-60 XXX-YYY-ZZmm
XXX = width in mm
YYY = depth in mm
ZZ = thickness in mm

TYPICAL PROPERTIES

Properties	Attribute	Test Method
Color	Red	Visual
Thickness(mm)	0.5 to 5.0	ASTM D374
Density (g/cc)	3.35	ASTM D792
Hardness(ShoreOO)	60	ASTM D2240
Weight Loss(%)	≤0.7	Filter paper adsorption @ 25% compression 125°C48H
Usage Temperature (°C)	- 40 to 150	-
Flammability	V-0	UL 94
Shelf Life(month)	12	Temperature <40°C avoid extrusion and exposure to the sun
Electrical		
Breakdown Voltage (kV/mm)	> 6.0	ASTM D149
Volume Resistivity (Ω.cm)	10 ¹²	ASTM D257
Dielectric Constant	7.2	ASTM D150
Thermal		
Thermal Conductivity (W/m-K)	8.0	ISO22007-2
Thermal resistance (°C·in ² /W,20psi@1.0mm)	0.08	ASTM D5470