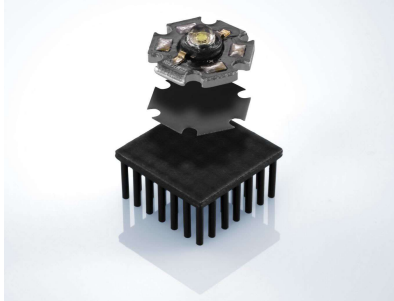


Thermal Interface Material



GTS 250



GES GRAPHITE

- Graphite film
- Natural material

Applications

- Chipsets
- LED
- Automotive
- Appliances
- Heat spreader applications

Options

- Available with adhesive film

Properties	Unit	GTS 250
Color		Graphite
Thermal Properties		
Thermal Conductivity (z axis)	W/mK	6-10
Thermal Conductivity (xy plane)	W/mK	300-500
Electrical Properties		
Breakdown Voltage $U_{d; ac}$	kV	Conductive
Mechanical Properties		
Hardness	Shore	85
Carbon Content	%	99.0-99.5
Thickness	mm (inch)	0.25 (0.01)
Physical Properties		
Application Temperature	°C (°F)	-40 to +400 (-40 to +752)
Density	g/cm ³	1.4-1.5
Flame rating	UL-94	V-0
Specific Heat	J/kg °C	710
CTE (z axis)	1/K	-0.4 ppm
CTE (xy plane)	1/K	27 ppm

The data provide engineering guidance, performance in actual applications should be established through testing.