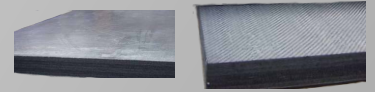


**CERAMATERIALS**



*"Your One Stop Shop for Thermal Processing"*

## Graphite Board Insulation

Property	Unit	Measured Value
<b>Bulk Density</b>	g/cm <sup>3</sup>	0.25
<b>Carbon Content</b>	%	≥95
<b>Thermal Conductivity</b>	W/mk)	0.15-0.25
<b>Specific Resistance</b>	ohm.cm	0.18-0.22
<b>Flexural Strength</b>	Mpa	1.10
<b>Ash Content</b>	%	≤0.6
<b>Processing Temperature</b>	°C	1200-2000
<b>Environment to Use</b>	°C	2400 neutral atmosphere, 3000 in vacuum
<b>Size</b>		Max 1.5 x 1.5 meter (60 in x 60 in) max
<b>Standard Size</b>		60 in x 40 in (stocked size in 1, 1.5, and 2 in thick

### Notes:

Up to 20 inch thickness available

Graphite foil facing on 1 side add \$50

Cloth (CFC) facing on 1 side add \$250

Cylinders & shapes made to order

Machined features done to print

Rigid & Semi-rigid qualities available

Data shows typical values