

1、 Product Name:**Ceramic Board (Carbon Fiber Reinforced Type)****2、 Performance Index:**

1	Bulk Density		Kg / m³	850--950
2	Flexural Strength		Mpa	8.0
3	Compressive Strength		Mpa	17
4	Coefficient of Thermal Expansion		°C	7*10⁻⁶
5	Thermal Conductivity	100°C	W/M.K	0.103
		200°C		0.114
		300°C		0.124
		400°C		0.133
6	Thermal Shinkage after 24 hours	650°C	%	0.10
		700°C		0.18
		750°C		0.20
		850°C		0.21
		1000°C		0.36
7	Max Service Temperature		°C	1000~1100
8	Continuous Service Temperature		°C	850

3、 Chemical Analysis:

SiO₂	%	46~48
CaO	%	39~41
Al₂O₃	%	0.39~0.42
MgO	%	0.5~0.7
Fe₂O₃	%	0.3~0.4
Na₂O-K₂O	%	0.09~0.12