

Grade: GS-CFC200

Manufacturer: Graphtek LLC

PROPERTY	US VALUE		METRIC VALUE	
Fiber Alignment	0°/90°		0°/90°	
Density	0.058	lb/in ³	1.60	gr/cm ³
Specific Resistance	866	10 ⁻⁶ ohm-in	2200	10 ⁻⁶ ohm-cm
Flexural Strength	23200	psi	160	MPa
Flexural Modulus	9.4	Msi	65	GPa
Tensile Strength	37700	psi	260	MPa
Tensile_Modulus	11.6	Msi	80	MPa
Compressive Strength	13050	psi	90	MPa
Shore Hardness	70		80	
CTE (//)	0.2	10 ⁻⁶ - °K	0.2	10 ⁻⁶ - °K
CTE (--I--)	5.7	10 ⁻⁶ -°K	5.7	10 ⁻⁶ -°K
Therm Conductivity II to plane	187	BTU-in/hr-ft ² -°F	27	W/m-°K
Therm Conductivity - to plane	28	BTU-in/hr-ft ² -°F	4	W/m-°K