

**Bay Composites, Inc.**  
 1801 Jarman Street  
 Essexville, MI 48732  
 (989)891-9155

<b>Carbon/Carbon Composite Grade BC-1000</b>		
<b>Physical Properties</b>	<b>Warp Dir.</b>	<b>Fill Dir.</b>
Electrical Resistivity ( Ohm-inx10 <sup>-4</sup> )	13-19	
Thermal Conductivity (btu/ft hr°F @ 250°F)	5	"Z"-4
Interlaminar Shear (PSI)	1220	1190
Flexural Strength (PSI)	16250	16000
Compressive Strength (PSI)	9550-9600	8200
Tensile Strength (PSI)	12000	10000
Tensile Strain to Failure (%)	.26	.26
Tensile Modulus (PSI X 10 <sup>6</sup> )	6	5.5
Density (g/cc)	1.45	1.45
Max Temp (°C)	2800	