



Kaiheng Graphite Carbon

C-C Composite Materials Specifications

Properties	Units	Values		
		C-C Sheets	C-C Bolt Screw	
Bulk Density	g/cm ³	1.4-1.6	≥1.7	
Flexible Strength	MPa	≥160	≥180	
Compressive Strength	MPa	≥120	≥150	
Thermal Conductivity	W/(m.K)	10-11	10-11	
C.T.E.	10 ⁻⁶ /°C	Vertical	4-5	6-8
		Horizontal	0-0.4	1-2
Fixed Carbon	%	>99.5		
Ash	%	<75	<75	
Processing Temperature	°C	2200	2200	
Maximum Use Temperature (Vacuum or Inert Gas)	°C	2500-3000	2500-3000	

Various sizes could be provided as clients' require.

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