

SIGRABOND® Mechanical

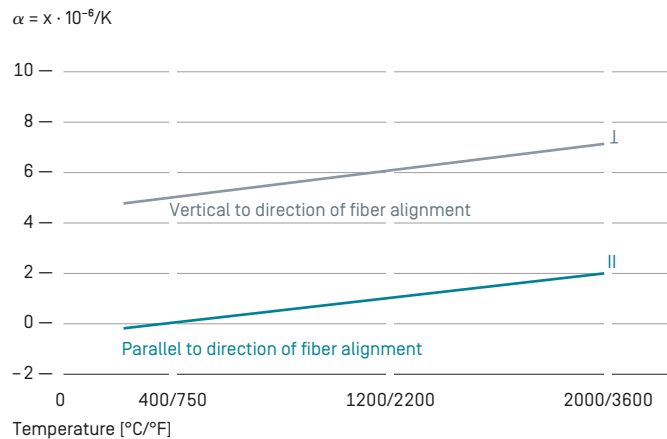
Material: Carbon fiber-reinforced carbon (C/C)

Application: High-temperature applications

Material data of SIGRABOND® Mechanical

Typical properties	Units	Mechanical
Density	g/cm ³	1.5
Flexural strength	MPa	100
Flexural modulus	GPa	28
Interlaminar shear strength	MPa	11
Tensile strength	MPa	65
Tensile modulus	GPa	35
Ash content	ppm	1000
Ash content (purified grade)	ppm	< 10
Max. application temperature	°C [°F]	2000 [3600] in vacuum or inert gas

Coefficient of thermal expansion of SIGRABOND Mechanical



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TDS CFRC-M.00
 09 2018/1.0 E Printed in Germany
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