

# SIGRABOND® Premium

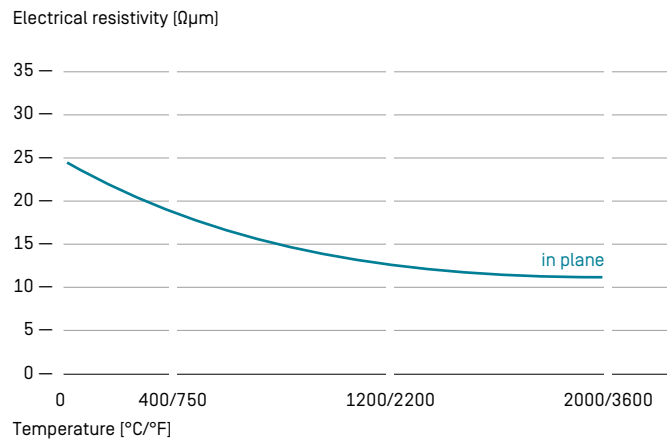
**Material:** Carbon fiber-reinforced carbon (C/C)  
**Application:** High-temperature applications

## Material data of SIGRABOND® Premium

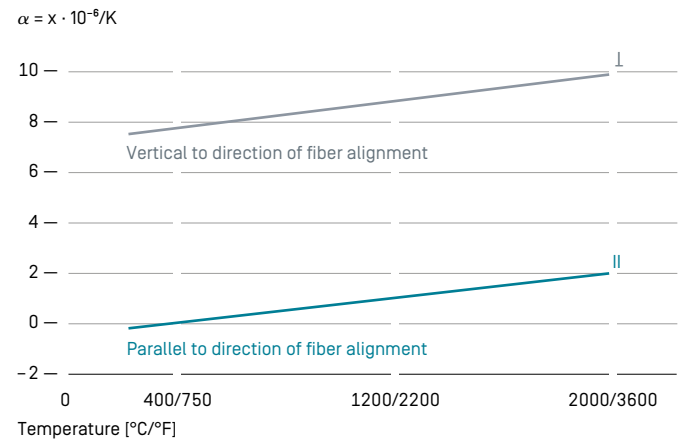
Typical properties	Units	Premium
Density	g/cm <sup>3</sup>	1.6
Flexural strength	MPa	230
Flexural modulus	GPa	75
Tensile strength	MPa	400
Interlaminar shear strength	MPa	11
Ash content	ppm	1000
Ash content (purified grade)	ppm	< 10
Max. application temperature	°C (°F)	2000 [3600] in vacuum or inert gas

Values without tolerance represent typical average values. For any engineering/design purposes please always contact our technical sales team.

## Specific electrical resistivity of SIGRABOND Premium



## Coefficient of thermal expansion of SIGRABOND Premium



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