

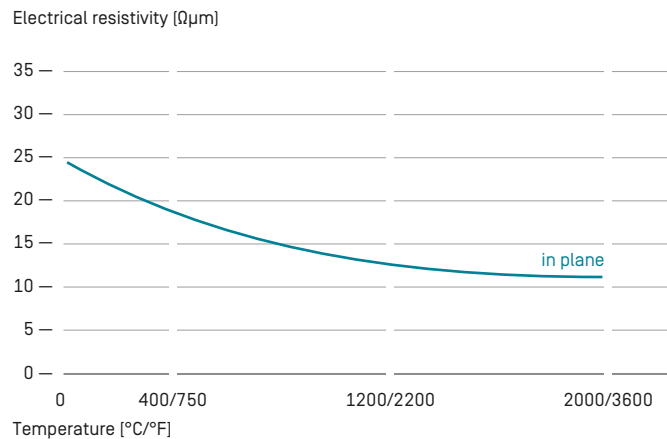
SIGRABOND® Premium

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

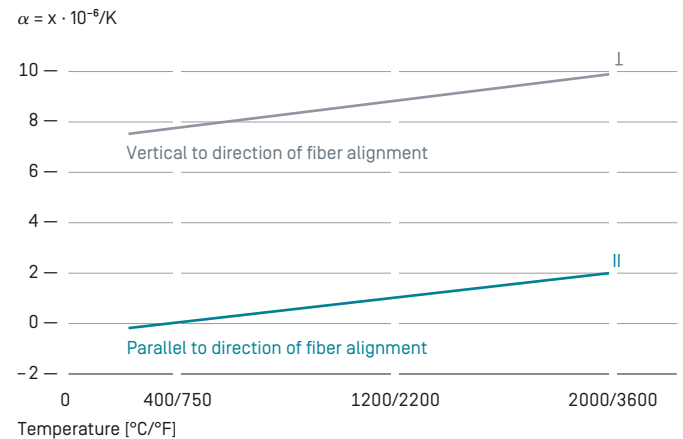
Material data of SIGRABOND® Premium

Typical properties	Units	Premium
Density	g/cm ³	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

Specific electrical resistivity of SIGRABOND Premium



Coefficient of thermal expansion of SIGRABOND Premium



Graphite Materials & Systems | SGL CARBON GmbH
 Sales Europe/Middle East/Africa | cfrc-europe@sglcarbon.com
 Sales Americas | cfrc-americas@sglcarbon.com
 Sales Asia/Pacific | cfrc-asia@sglcarbon.com
 www.cfrc-and-felts.com | www.sglcarbon.com

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