

SIGRASIC® Performance

Material: Carbon fiber-reinforced silicon carbide (CSiC)
Application: High-temperature applications

Material data of SIGRASIC® Performance

Typical properties	Units	Performance
Density	g/cm ³	1.8
Flexural strength	MPa	150
Flexural modulus	GPa	60
Interlaminar shear strength	MPa	13
Max. application temperature	°C [°F]	1200 [2200] in vacuum or inert gas
Max. application temperature	°C [°F]	450 [840] in oxygen
Open porosity	%	2



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