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Bulk density	(g/cm ³)	1.85
Porosity	(%)	8
Flexural strength	(MPa)	70
Compressive strength	(MPa)	145
Young's modulus	(GPa)	15
Hardness Rockwell HR5/100		110
Hardness Brinell HB 5/62,5		60
Coefficient of thermal expansion	(10 ⁻⁶ /K)	
α 20 - 200 °C (α 70 - 390 °F)		4,0
α 20 - 1000 °C (α 70 - 1830 °F)		5,1
α 200 - 600 °C (α 390 - 1110 °F)		5,0
Thermal conductivity	(W/mK)	45
Specific electrical resistance	(μΩm)	24
Temperature limit	(°C / °F)	
oxidizing atmosphere		650 °C / 1200 °F
inert atmosphere		1000 °C / 1830 °F
Forming method		isostatic molding
Mean grain size	(μm)	12
Impregnant content	(%)	3

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The data shown above are not guaranteed, but typical values based on our experience. It should be understood that a spread of results can occur due to variations in materials and production processes.

Please find the standards for the determination of our material properties at
www.schunk-group.com/skt/dm