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Bulk density	(g/cm <sup>3</sup> )	1,80
Porosity	(%)	11
Flexural strength	(MPa)	45
Compressive strength	(MPa)	100
Young's modulus (dyn.)	(GPa)	10
Hardness Rockwell HR5/40		105
Coefficient of thermal expansion $\alpha$ 20 - 1000 °C (70 - 1830 °F)	(10 <sup>-6</sup> /K)	6.0
Specific electrical resistance	( $\mu\Omega$ m)	15
Thermal conductivity	(W/mK)	75
Ash	( $\mu$ g/g)	300
Mean grain size	( $\mu$ m)	12
Forming method		isostatic molding

stu 03.06

**A purified version of this material is also available.**

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](http://www.schunk-group.com/skt/dm)