



Schunk Kohlenstofftechnik GmbH  
 Rodheimer Strasse 59  
 35452 Heuchelheim, Germany  
[research.skt@schunk-group.com](mailto:research.skt@schunk-group.com)  
[www.schunk-group.com](http://www.schunk-group.com)

Bulk density	(g/cm <sup>3</sup> )	1.95
Porosity	(%)	6
Flexural strength	(MPa)	90
Compressive strength	(MPa)	230
Young's modulus	(GPa)	16
Hardness Rockwell HR5/150		120
Coefficient of thermal expansion α 20 - 1000 °C (70 - 1830 °F)	(10 <sup>-6</sup> /K)	7.4
Thermal conductivity	(W/mK)	62
Specific electrical resistance	(μΩm)	17
Mean grain size	(μm)	≤ 10
Ash	(μg/g)	300

Forming method isostatic molding

stu 04.06

**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)