

Schunk Kohlenstofftechnik GmbH
Rodheimer Strasse 59
35452 Heuchelheim, Germany
research.skt@schunk-group.com
www.schunk-group.com

| | | |
|----------------------------------|-----------------------|------|
| Bulk density | (g/cm ³) | 1.65 |
| Porosity | (%) | 11 |
| Flexural strength | (MPa) | 50 |
| Compressive strength | (MPa) | 150 |
| Young's modulus (dyn.) | (GPa) | 18 |
| Hardness Rockwell HR5/100 | | 95 |
| Hardness Brinell HB5/62,5 | | 40 |
| Coefficient of thermal expansion | (10 ⁻⁶ /K) | |
| α 20 - 200 ° (α 70 - 390 °F) | | 4.0 |
| α 200 - 600 °C (α 390 - 1110 °F) | | 4.4 |
| Thermal conductivity | (W/mK) | 11 |
| Specific electrical resistance | (μΩm) | 35 |
| Temperature limit | (°C) | |
| oxidizing atmosphere | | 350 |
| inert atmosphere | | 1200 |

wlg 07.07

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