



Carbon Technology

## Data Sheet Grade FH 429

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Bulk density	(g/cm <sup>3</sup> )	1.62
Porosity	(%)	11
Flexural strength	(MPa)	50
Compressive strength	(MPa)	150
Young's modulus (dyn.)	(GPa)	18
Hardness Rockwell HR5/40		110
Hardness Brinell HB2.5/62.5		40
Coefficient of thermal expansion $\alpha$ 20 - 200 °C ( $\alpha$ 70 - 390 °F)	(10 <sup>-6</sup> /K)	4.0
Thermal conductivity	(W/mK)	11
Specific electrical resistance	( $\mu\Omega$ m)	35
Forming method		isostatic

wfr 11.94

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)