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Reinforcement:	cloth	
Fiber volume fraction	(% by volume)	55
Bulk density	(g/cm <sup>3</sup> )	1.35
Porosity	(%)	8
Flexural strength	(MPa)	80
Strain to failure	(%)	0.8
Young's modulus (dyn.)	(GPa)	13
Fracture behaviour		pseudoplastic
Interlaminar shear strength	(MPa)	7
Tensile strength	(MPa)	65
Final heat treatment temperature	(°C / °F)	2000 °C / 3630 °F
Specific electrical resistance at ambient temperature	(μΩm)	50
Thermal conductivity ⊥ to the plane of reinforcement	(W/mK)	5
Ash	(ppm)	> 300

eb 08.03

**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)