

Property	Value		Method
Typical Chemical Analysis	SiC	75%	DIN EN ISO 21068
	Si ₃ N ₄ + Si ₂ ON ₂	22%	DIN 13925
	Others	3.5%	DIN 51001
Maximum Application Temperature			
Reduced atmosphere	1550 °C		
Oxidized atmosphere	1150 °C		
Bulk Density	2,70 kg/dm ³		BS EN 993-1:1995
Open Porosity	14 %		BS EN 993-1:1995
Cold Crushing Strength	>140 MPa		BS EN 993-5 :2000
Linear Thermal Expansion			
250 - 400°C	3.9		BS 1902 - 5.14/1:1992
250 - 600°C	3.9		
250 - 800°C	4.0		
250 - 1000°C	4.0		
Thermal conductivity			
at 400°C	22 W/mK		BS 1902 - 5.5: 1991
at 800°C	18 W/mK		
at 1000°C	16 W/mK		
Thermal Shock Resistance	Cycles	> 30	DIN 51068-1

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