



Product Name :	SC 100RG	
----------------	-----------------	--

Maximum Service Temperature	° C	
oxidising atmosphere	° C	1600
protective atmosphere	° C	2000

Apparent Density	g/cm ³	2,70
------------------	-------------------	-------------

Apparent Porosity	%	16
-------------------	---	-----------

Modulus of Rupture 4-Point Test		
at 20 °C	N/mm ²	95
at 1300 °C	N/mm ²	110

Modulus of Elasticity	GPa	260
-----------------------	-----	------------

Thermal Expansion	at 1000 °C	x 10 ⁻⁶ K ⁻¹	4,8
-------------------	------------	------------------------------------	------------

Thermal Conductivity	at 200 °C	W m ⁻¹ K ⁻¹	35
	at 1200 °C	W m ⁻¹ K ⁻¹	27

Chemical Composition :		
SiC content	%	> 99

These data are for information only. They correspond to the values commonly observed for the materials produced.