



Product Name :	SC 90S		
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Maximum Service Temperature	°C	1350	
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Apparent Density	g/cm ³	3,0	
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Apparent Porosity	%	< 1,0	
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Modulus of Rupture 4-Point Test			
	at 20 °C	N/mm ²	200
	at 1300 °C	N/mm ²	220

Modulus of Elasticity	GPa	350	
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Thermal Expansion	at 1000 °C	x 10 ⁻⁶ K ⁻¹	4,0
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Thermal Conductivity	at 200 °C	W m ⁻¹ K ⁻¹	100
	at 1200 °C	W m ⁻¹ K ⁻¹	³⁵

Chemical Composition :			
	SiC content	%	82
	free Si content	%	18

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

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