IMERYS
Kiln Furniture

Product Name :			**SC 90GB**
Maximum Service Temperature		° C	**1350**
Apparent Density		g/cm³	**2,90**
Apparent Porosity		%	**< 1,0**
Modulus of Rupture 4-Point Test			
	at 20 °C	N/mm²	**220**
	at 1300 °C	N/mm²	**275**
Modulus of Elasticity		GPa	
Thermal Expansion	at 1000 °C	10^{-6}. K^{-1}	**4,0**
		$W .m^{-1}.K^{-1}$	
Thermal Conductivity	at 200 °C	$W .m^{-1}.K^{-1}$	**130**
	at 1200 °C	$W .m^{-1}.K^{-1}$	**35**
Chemical Composition :			
	SiC content	%	**78**
	free Si content	%	**22**

All these data are given for information only and can be under no circumstances considered as specifications. The customer must validate under its own responsibility the behaviour and performances of the product in its own process before use.

First publication: 2007 - 02 - 17	Updating: 2010 – 11 -02