



## PRODUCT INFORMATION SHEET

C1

CLASSIFICATION	<b>INSULATING BRICK</b>		
<b>PHYSICAL PROPERTIES</b>	Max. Service Temperature	$^{\circ}\text{C}$	1300
	Bulk Density	$\text{Kg/m}^3$	1050
	Cold Crushing Strength	$\text{Kg/cm}^2$	65
	Modulus of Rupture	$\text{Kg/cm}^2$	20-25
	Reheat Test, Permanenet Linear Change After Heating at $1300^{\circ}\text{C}$	%	-0.15
<b>THERMAL CONDUCTIVITY</b>	at $400^{\circ}\text{C}$	$\text{Kcal/ m.hr}^{\circ}\text{C}$	0.25
	at $600^{\circ}\text{C}$	$\text{Kcal/ m.hr}^{\circ}\text{C}$	0.29
	at $800^{\circ}\text{C}$	$\text{Kcal/ m.hr}^{\circ}\text{C}$	0.34
<b>CHEMICAL COMPOSITION</b>  APPROX. (%)	Alumina ( $\text{Al}_2\text{O}_3$ )	%	39.0
	Silica ( $\text{SiO}_2$ )	%	56.0
	Iron Oxide ( $\text{Fe}_2\text{O}_3$ )	%	1.0
	Lime ( $\text{CaO}$ )	%	0.7

The data cannot be used for specification and guarantee purpose – reasonable variances in data can be expected.

Product data is update periodically to reflect product / raw material / process / testing changes. Please contact BST's representative for the most updated data.

**We are refractory solutions**