



PRODUCT INFORMATION SHEET

B5

CLASSIFICATION	INSULATING BRICK		
PHYSICAL PROPERTIES	Max. Service Temperature	$^{\circ}\text{C}$	1300
	Bulk Density	Kg/m^3	790
	Cold Crushing Strength	Kg/cm^2	42
	Modulus of Rupture	Kg/cm^2	15-20
	Reheat Test, Permanenet Linear Change After Heating at 1300°C	%	-0.08
THERMAL CONDUCTIVITY	at 400°C	$\text{Kcal/ m.hr}^{\circ}\text{C}$	0.25
	at 600°C	$\text{Kcal/ m.hr}^{\circ}\text{C}$	0.28
	at 800°C	$\text{Kcal/ m.hr}^{\circ}\text{C}$	0.32
CHEMICAL COMPOSITION APPROX. (%)	Alumina (Al_2O_3)	%	41.0
	Silica (SiO_2)	%	54.0
	Iron Oxide (Fe_2O_3)	%	0.9
	Lime (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