



## PRODUCT INFORMATION SHEET

**B3**

CLASSIFICATION	<b>INSULATING BRICK</b>		
<b>PHYSICAL PROPERTIES</b>	Classification Temperature	<sup>0</sup> C	1100
	Bulk Density	kg/m <sup>3</sup>	740-750
	Cold Crushing Strength	kg/cm <sup>2</sup>	28
	Permanent Linear Change Max at 1100 <sup>0</sup> C	%	-0.5
<b>THERMAL CONDUCTIVITY</b>	at 400 <sup>0</sup> C	(W/m.K)	0.20
	at 600 <sup>0</sup> C	(W/m.K)	0.23
	at 800 <sup>0</sup> C	(W/m.K)	0.28
<b>CHEMICAL COMPOSITION</b>	Alumina (Al <sub>2</sub> O <sub>3</sub> )	%	9.0
	Silica (SiO <sub>2</sub> )	%	54.0
	Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	%	0.5
	Calcium Oxide (CaO)	%	33.0
APPROX. (%)			

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

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