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**TECHNICAL DATA SHEET**

<b>PRODUCT</b>	<b>BHA5001</b>
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	47– 50
SiO <sub>2</sub>	45– 48
Fe <sub>2</sub> O <sub>3</sub>	1.0 – 1.6
<b>PHYSICAL PROPERTIES</b>	
Refractoriness	1750 °C
Bulk Density	≥ 2.35 g/cm <sup>3</sup>
Apparent Porosity	≤ 18 %
Cold Compressive Strength	≥ 500 kg/cm <sup>2</sup>
Refractoriness under Load	≥ 1450°C
Linear Thermal Expansion at 1000 °C	0.67 %
<b>Tolerance in Dimensions</b>	
≤ 150 mm	± 2.0 mm
≥ 150 mm	± 1.0 %

**The data given in this technical information sheet have been determined as average values on test specimens of standard bricks**