

## TECHNICAL DATA SHEET

**PRODUCT** **BHA8501**

**CHEMICAL COMPOSITION**

%

Al<sub>2</sub>O<sub>3</sub> 84 – 86

SiO<sub>2</sub> 8 – 10

Fe<sub>2</sub>O<sub>3</sub> 1.3 – 1.6

**PHYSICAL PROPERTIES**

Refractoriness 1835 °C

Bulk Density 2.80 g/cm<sup>3</sup>

Apparent Porosity 18 %

Cold Compressive Strength 700 kg/cm<sup>2</sup>

Refractoriness under Load 1600°C

Linear Thermal Expansion at 1000 °C 0.72 %

**Tolerance in Dimensions**

≤ 150 mm ± 1.5 %

≥ 150 mm ± 1.0 %

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