

## TECHNICAL DATA SHEET

<b>PRODUCT</b>	<b>BCM 3501</b>
<b>Max Service Temperature</b>	1100 °C
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	34 – 36
SiO <sub>2</sub>	53 – 55
MgO	5 - 7
<b>PHYSICAL PROPERTIES</b>	
Bulk Density	2.00 g/cm <sup>3</sup>
Cold Compressive Strength	350 kg/cm <sup>2</sup>
Thermal shock resistance, at 1000°C	80 cycles
Thermal conductivity	
at 400 °C	1.35 (w/mK)
at 800 °C	1.40 (w/mK)
at 1000 °C	1.50 (w/mK)
<b>Tolerance in Dimensions</b>	
≤ 100 mm	± 2 mm
≥ 100 mm	± 2.0 %

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