

## TECHNICAL DATA SHEET

<b>PRODUCT</b>	<b>BCM 6001</b>
<b>Max Service Temperature</b>	1350 °C
<b>CHEMICAL COMPOSITION</b>	%
Al <sub>2</sub> O <sub>3</sub>	59 – 61
SiO <sub>2</sub>	30 – 32
MgO	3 - 4
<b>PHYSICAL PROPERTIES</b>	
Bulk Density	2.30 g/cm <sup>3</sup>
Cold Compressive Strength	400 kg/cm <sup>2</sup>
Thermal shock resistance, at 1000°C	50 cycles
Thermal conductivity	
at 400 °C	1.45 (w/mK)
at 800 °C	1.49 (w/mK)
at 1000 °C	1.53 (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.