

TECHNICAL DATA SHEET

PRODUCT	BCM 5001
Max Service Temperature	1275 °C
CHEMICAL COMPOSITION	%
Al ₂ O ₃	48 – 50
SiO ₂	40 – 42
MgO	4 - 5
PHYSICAL PROPERTIES	
Bulk Density	2.20 g/cm ³
Cold Compressive Strength	400 kg/cm ²
Thermal shock resistance, at 1000°C	50 cycles
Thermal conductivity	
at 400 °C	1.44 (w/mK)
at 800 °C	1.47 (w/mK)
at 1000 °C	1.50 (w/mK)
Tolerance in Dimensions	
≤ 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.