

TECHNICAL DATA SHEET

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|--------------------------------|-----------------------------|
| PRODUCT | BLW4501 |
| CHEMICAL COMPOSITION | % |
| Al ₂ O ₃ | 44 – 46 |
| SiO ₂ | 49 – 50 |
| Fe ₂ O ₃ | 0.9 – 1.1 |
| PHYSICAL PROPERTIES | |
| Max Service Temperature | 1430 °C |
| Bulk Density | 0.8 ± 0.1 g/cm ³ |
| Cold Compressive Strength | 30 kg/cm ² |
| Thermal conductivity | |
| at 400 °C | 0.32 (w/mK) |
| at 800 °C | 0.36 (w/mK) |
| at 1000 °C | 0.40 (w/mK) |
| at 1200 °C | 0.45 (w/mK) |
| Tolerance in Dimensions | ± 2.0 % |

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