



## CHAMOTTE BRICK M3

<b>Classification:</b>	Chamotte brick
<b>Main raw materials:</b>	Chamotte
<b>Refractoriness:</b>	>1665 °C
<b>Type of bond:</b>	Ceramic
<b>Features and main applications:</b>	In safety layers and general applications .

### Chemical Composition

Al <sub>2</sub> O <sub>3</sub> (%)	SiO <sub>2</sub> (%)	Fe <sub>2</sub> O <sub>3</sub> (%)	TiO <sub>2</sub> (%)	Alkalies
42-46	50-54	< 3.5	3-5	< 0.8

### Properties

<b>Bulk density (g/cm<sup>3</sup>)</b>	2.10-2.25
<b>Cold crushing strength (kg/cm<sup>2</sup>)</b>	350-600
<b>Apparent porosity (%)</b>	12-20
<b>R.U.L (T0.5)( °C)</b>	> 1220
<b>Thermal shock (Cycle in water)</b>	10

ASTM Test Methods, where applicable, used for determination of data.

The above data are typical of the properties of commercial Standard brick.

These data represent average properties obtained from commercial products and should not be considered as guaranteed specifications.

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