



## ALMA 75 SP

<b>Classification:</b>	High alumina brick
<b>Main raw materials:</b>	Bauxite
<b>Refractoriness:</b>	>1785 °C
<b>Type of bond:</b>	Phosphate Bonded
<b>Features and main applications:</b>	Aluminum, steel and cement industries (especially the rotary kiln safety zone where low porosity and high resistance to wear and corrosion are required).

### 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> (%)	P <sub>2</sub> O <sub>5</sub>
72-76	19-23	< 2.5	< 3.5	2-3

### Properties

<b>Bulk density (g/cm<sup>3</sup>)</b>	2.45-2.70
<b>Cold crushing strength (kg/cm<sup>2</sup>)</b>	700-1000
<b>Apparent porosity (%)</b>	14-20
<b>R.U.L (T0.5)( °C)</b>	≈ 1430
<b>Thermal shock (Cycle in water)</b>	30

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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