



ALMA 70

Classification:	High alumina brick
Main raw materials:	Bauxite - High quality Chamotte
Refractoriness:	>1760 °C
Type of bond:	Ceramic
Features and main applications:	Relatively high temperature application; safety layer in steel and cast iron melting tanks and cement industries as well as chemical and non-ferrous industries. Especially for rotary kiln safety zone and high temperature preheater zones - lime kilns - rotary kilns.

Chemical Composition

Al ₂ O ₃ (%)	SiO ₂ (%)	Fe ₂ O ₃ (%)	TiO ₂ (%)
68-72	22-24	< 2.5	< 3.5

Properties

Bulk density (g/cm³)	2.40-2.60
Cold crushing strength (kg/cm²)	450-700
Apparent porosity (%)	16-22
R.U.L (T0.5)(°C)	≈1420
Thermal shock (Cycle in water)	25

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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