



## INFORMATION BULLETIN

### Epic® 97

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**DESCRIPTION:** High alumina brick made from Bauxite and high-purity alumina.

**USES INCLUDE:** Working linings for furnaces requiring high refractoriness and purity.

#### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate % - calcined basis)

Al <sub>2</sub> O <sub>3</sub>	≥ 97.0%
Fe <sub>2</sub> O <sub>3</sub>	≤ 0.9%
SiO <sub>2</sub>	≤ 0.2%

#### TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	≤ 17.0
Bulk Density (g/cm <sup>3</sup> ):	≥ 3.1
Cold Crushing Strength (MPa):	≥ 80
Hot MOR (MPa):	≥ 7.0
MOR (MPa):	≥ 18.0

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification; it is informational only.

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