



## Epic® 97

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

**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 %
SiO <sub>2</sub>	≤ 0.2 %
Fe <sub>2</sub> O <sub>3</sub>	≤ 0.9 %

### TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity, %	≤ 17
Cold Crushing Strength, Mpa (psi)	≥ 80
Bulk Density, g/cm <sup>3</sup> (pcf)	≥ 3.1
Modulus of rupture, Mpa	≥ 18
Hot modulus of rupture, Mpa	≥ 7

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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