



INFORMATION BULLETIN

Epic® 97

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 ₂ O ₃	≥ 97.0%
Fe ₂ O ₃	≤ 0.9%
SiO ₂	≤ 0.2%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%)	≤ 17.0
Bulk Density (g/cm ³)	≥ 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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