

Epic® 97

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

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

CHEMICAL ANALYSIS:

Approximate % - calcined basis

Alumina	Al ₂ O ₃	≥ 97.0
Silica	SiO ₂	≤ 0.2
Ferric Oxide	Fe ₂ O ₃	≤ 0.9

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity, %	≤ 17
Cold Crushing Strength, Mpa (psi)	≥ 80
Bulk Density, g/cm ³ (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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