

Epic® 30AR

DESCRIPTION: Acid resistant alumina brick

USES INCLUDE: Acid tank linings, furnace walls where acidic conditions prevail

CHEMICAL ANALYSIS:

Approximate % -

Al ₂ O ₃	29.9%
SiO	61.8%
MgO	0.8%
CaO	0.1%
Fe ₂ O ₃	2.2%
TiO ₂	1.6%
Alkalies	3.7%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity, %	7
Bulk Density, g/cm ³ (pcf)	2.25 (140)
Cold Crushing Strength, MPa	30 (4350)
Cold MOR, MPa (psi)	50 (7250)
Water absorption, %	3
Lining reheat change, % @1500°C x 2Hrs.	+6

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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