



## Epic® 30AR

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**DESCRIPTION:** Acid resistant alumina brick

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

### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

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

### TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity, %	7
Bulk Density, g/cm <sup>3</sup> (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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