



INFORMATION BULLETIN

Epic® 50

DESCRIPTION: High alumina brick made from high-quality flint clay and plastic clays.

USES INCLUDE: Furnace linings.
Boilers.
Incinerators.
Safety Linings.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al ₂ O ₃	≥ 50.0%
SiO ₂	41.5%
Fe ₂ O ₃	≤ 2.5%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	≤ 24
Bulk Density (g/cm ³):	≥ 2.32
Cold Crush Strength (MPa):	≥ 40
PCE Value:	33 - 34
Refractoriness ° C (° F):	1750 (3182)

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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