



Epic® 50

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

USES INCLUDE: Furnace linings, safety linings, incinerators, boilers

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, gm/cm ³	≥2.32
Cold Crushing 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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