



INFORMATION BULLETIN

Epic® 42

DESCRIPTION: High-duty fireclay brick made from high-purity clays.

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

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

SiO ₂	52.0%
Al ₂ O ₃	≥ 42.0%
Fe ₂ O ₃	1.5%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	20.0
Bulk Density pcf (g/cm ³):	167 (2.2)
Cold Crushing Strength psi (MPa):	4640 (32)

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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