



Epic® 45

DESCRIPTION: Super-duty fireclay brick made from high-purity clays

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

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al ₂ O ₃	>45 %
SiO	50 ~ 52 %
Fe ₂ O ₃	1.5 ~ 2.0 %

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity, %	20
Bulk Density, g/cm ³ (pcf)	2.2 (137)
Cold Crushing Strength, Mpa (psi)	40 (5300)
Refractoriness, °C (°F)	1750 (3182)
Refractoriness under 0.2 Mpa, °C (°F)	1450 (2642)

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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