

Epic[®] 45

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

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

CHEMICAL ANALYSIS:

| | |
|--------------------------------|------------|
| 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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