



Fedcast 40

DESCRIPTION: Alumina castable made from high-quality flint clay and plastic clays.

USES INCLUDE: General structural and maintenance material for reheat furnaces.
Ladle and tundish safety linings.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al ₂ O ₃	46.0%
SiO ₂	45.2%
CaO	3.0%
Alkalis	2.1%
Fe ₂ O ₃	1.7%
TiO ₂	1.6%
MgO	0.2%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	18.0
Bulk Density pcf (g/cc):	139 (2.23)
Linear Reheat Expansion (%):	9.0

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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