



Fedcast 50

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	50.0 %
SiO ₂	41.2 %
TiO ₂	1.6 %
Fe ₂ O ₃	1.7 %
CaO	3.0 %
MgO	0.2 %
Alkalies	2.1 %

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity, %	18
Bulk Density, pcf (g/cc)	139 (2.23)
Linear Reheat Expansion,%	9

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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