

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:

Approximate %

Alumina	Al ₂ O ₃	46.0
Silica	SiO ₂	45.2
Titania	TiO ₂	1.6
Ferric Oxide	Fe ₂ O ₃	1.7
Lime	CaO	3.0
Magnesia	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.

Version 13.2