



## 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 <sub>2</sub> O <sub>3</sub>	46.0 %
SiO <sub>2</sub>	45.2 %
TiO <sub>2</sub>	1.6 %
Fe <sub>2</sub> O <sub>3</sub>	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.

Version 20.11

---