

## FEDCAST 85C

---

**DESCRIPTION:** A bauxite based low moisture castable fortified with high purity chrome oxide for improved slag resistance.

**USES INCLUDE:** Pre-cast or field-cast shapes such as EAF/LMF delta, runner insert, burner blocks, well blocks, plug blocks, ladle lip retainers

### CHEMICAL ANALYSIS: (WT %)

Alumina	Al <sub>2</sub> O <sub>3</sub> , %	82
Chrome	CrO <sub>2</sub>	3
Silica	SiO <sub>2</sub>	12
Titania	TiO <sub>2</sub>	2
Ferric Oxide	Fe <sub>2</sub> O <sub>3</sub>	1

### TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity, %	12
Bulk Density, pcf (g/cm <sup>3</sup> )	184 (2.95)
Modulus of Rupture, psi (Mpa)	1230 (8.5)

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 13.3

---

Phone: 1-800-609-5711

[www.fedmet.com](http://www.fedmet.com)