



INFORMATION BULLETIN

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, and ladle lip retainers.

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

Al ₂ O ₃	82.0%
SiO ₂	12.0%
CrO ₂	3.0%
TiO ₂	2.0%
Fe ₂ O ₃	1.0%

TYPICAL AS RECEIVED PROPERTIES:

Apparent Porosity (%):	12.0
Bulk Density pcf (g/cm ³):	184 (2.95)
MOR 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.

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