

### FEDCAST 94SP

---

**DESCRIPTION:** A spinel-bonded low-moisture alumina castable, available dry or in pre-cast shapes as necessary.

**USES INCLUDE:** Ladle well and plug blocks, impact pads, ladle lips, reheat furnace hearths

#### CHEMICAL ANALYSIS: (Weight %)

Alumina	Al <sub>2</sub> O <sub>3</sub>	93.8
Silica	SiO <sub>2</sub>	0.13
Ferric Oxide	Fe <sub>2</sub> O <sub>3</sub>	0.11
Lime	CaO	1.57
Magnesia	MgO	4.19
Alkalies		0.16

#### TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, pcf (g/cc)	190 (3.04)
MOR (dried), psi (Mpa)	2755 (19)
MOR (2000F), psi (Mpa)	3026 (21)

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)