



## Fedcast 22

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**DESCRIPTION:** Hydraulic setting, lightweight castable.

**USES INCLUDE:** Back up insulating material or as an exposed lining where slagging, flame impingement, or mechanical wear are not significant factors during service.

### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

SiO <sub>2</sub>	46.6%
Al <sub>2</sub> O <sub>3</sub>	35.4%
CaO	12.9%
Fe <sub>2</sub> O <sub>3</sub>	2.0%
TiO <sub>2</sub>	1.5%
Alk	1.2%
MgO	0.4%

### TYPICAL AS RECEIVED PROPERTIES:

Temperature °C (°F)	MOR psi (MPa)	Cold Crushing Strength psi (MPa)
260 (500)	115 (0.8)	500 (3.0)
815 (1500)	125 (0.9)	400 (3.0)
1204 (2200)	175 (1.2)	500 (3.0)

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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