

## Fedolram 90

---

**DESCRIPTION:** Fedolram 90 is a high-density, high-purity magnesite ramming mix, ready to use with a heat setting resin formulated binder. It has a slight odor and is non-irritant to workers. It has excellent low temperature strength and develops extremely good strength at high temperatures.

**USES INCLUDE:** Dolomite lined steel ladles for ramming around well and plug blocks and ladle bottoms  
Tundish nozzle ramming

### CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(approximate %)

MgO	90.1 %
SiO <sub>2</sub>	6.7 %
CaO	2.9 %
Fe <sub>2</sub> O <sub>3</sub>	0.2 %
Al <sub>2</sub> O <sub>3</sub>	0.1 %

### TYPICAL AS RECEIVED PROPERTIES:

Hot modulus of rupture	1700 at 800F
Permanent linear change	0.2 %
Installed density	180 lbs/ft <sup>3</sup>
Max temperature	3200°F

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 2020.04