



Fedmor 70P

DESCRIPTION: Fedmor 70P is a high alumina, phosphate-bonded mortar that has excellent slag resistance and superior strength.

USES INCLUDE: Ladle slide gate assemblies, aluminum, furnace bottom, soaking pit slag lines, tundish linings and steel ladles

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate % - calcined basis)

Al ₂ O ₃	69.5%
SiO ₂	25.3%
Fe ₂ O ₃	0.25%
TiO ₂	0.01%
P ₂ O ₅	4.54%
Alkalies	0.31%

TYPICAL AS RECEIVED PROPERTIES:

Test Temperature	Modules of Rupture, psi
220°F	1000-1200
2000°F	650-850
2550°F	750-1100
2910°F	1100-1200
Softening Point	3150 °F
Material required per 1000 brick	200 ~ 300 lbs

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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