

MILBRO REFRACTORIES, INC.

MILCROME 3400 PLUS

A chemically bonded plastic refractory with high chromic oxide content. MILCROME 3400 PLUS should only be used where extreme resistance to metal penetration and the corrosive effect of slag is prevalent. MILCROME 3400 Plus has excellent ramming and handling characteristics.

**Service Temperature
Material Required for Estimating**

**3490° F
188 lbs./ft³**

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	77.9
SiO ₂	2.1
Fe ₂ O ₃	0.1
TiO ₂	0.2
MgO	0.1
CaO	0.1
Cr ₂ O ₅	19.2

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Cold Crushing Strength, psi	Linear Change %
220°F	5800	0.2 S
1500°F	9100	0.2 S
2000°F	14700	0.1 S
2500°F	18200	0.2 S
3000°F	18800	0.1 S

All data shown is based on average results of standard ASTM procedures, unless otherwise indicated. Results are subject to reasonable deviation and should not be used for specification purposes.