

MILBRO REFRACTORIES, INC.

MILCROME 3400

High purity chrome-alumina, chemically bonded plastic refractory. MILCROME 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	3400° F
Melting Point	3480° F
Material Required for Estimating	185 lbs./ft³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	84.3
SiO ₂	5.4
Fe ₂ O ₃	0.1
TiO ₂	0.2
MgO	0.1
CaO	0.1
Cr ₂ O ₅	9.6

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1500-2000	4800-5500	0.4 S
1500°F	2200-2600	7500-8500	0.2 S
2000°F	3600-4000	11500-14000	0.1 S
2500°F	5400-5800	15000-18000	0.2 S
3000°F	3500-4000	11000-14000	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.