

MILBRO REFRACTORIES, INC.

ALLOY RAM

A high alumina, graphite based, ramming mix. Typical applications in the Ferro Alloys industry include troughs, mold linings and ladles. Because it has low moisture, ALLOY RAM can be installed at a high density, thus, providing excellent resistance to erosion.

Service Temperature	3150° F
Melting Point	3250° F
Material Required for Estimating	165 lbs./ft³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	53.3
SiO ₂	25.4
Fe ₂ O ₃	2.6
TiO ₂	2.0
MgO	0.1
CaO	0.1
C	14.8

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	150-250	600-700	0.1 S
1500°F	150-250	400-500	0.3 S
2000°F	200-300	550-700	0.2 S
2500°F	250-350	650-800	0.1 S
3000°F	200-300	600-750	0.1 E

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