

MILBRO REFRACTORIES, INC.

MILCROME 3100 WET

A high purity, chrome-alumina chemically bonded wet mortar. Chromic-oxide addition imparts excellent strength and metal penetration resistance. For use where conditions are severe but extreme temperatures are not encountered. Excellent troweling characteristics.

Service Temperature	3100° F
Material Required for Estimating	450 lbs./M 9 in. equiv.
Mixing Water Required	Use as received

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	64.5
SiO ₂	23.5
Fe ₂ O ₃	1.1
TiO ₂	0.8
MgO	0.3
CaO	0.2
Cr ₂ O ₃	9.6

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	400-600	2000-2500	0.1 S
2500°F	2500-3300	6600-7350	0.1 E
3000°F	2150-2600	5950-6450	0.3 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.