

MILBRO REFRACTORIES, INC.

MILCAST NO ERODE

An erosion resistant, hydraulic setting castable. Typical applications are blast furnace scrubbers, coke wharfs, heating ducts and cooler curbs and walls in rotary kilns

Service Temperature	2500° F
Material Required for Estimating	130 lbs./ft³
Mixing Water Required	4.5-5.5 qt./100lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	57.5
SiO ₂	33.6
Fe ₂ O ₃	1.2
TiO ₂	1.7
MgO	0.1
CaO	5.5
Alkalies	0.4

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1300-1600	5000-5500	0.0
1000°F	1200-1400	5000-6000	0.1 S
2000°F	850-1100	3500-5000	0.3 S
2500°F	1000-1200	4800-6000	0.9 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.