

MILBRO REFRACTORIES, INC.

MILGUN 60

MILGUN 60 is a high alumina, hydraulic setting gun mix. Ideal as a maintenance gunning material for applications to 3100° F. May be gunned on hot or cold surfaces. Typical applications would be soaking pit sidewalls, walls & roofs of open hearth & re-heat furnaces as well as clinker cooler walls & roofs in rotary kilns.

Service Temperature
Material Required for Estimating
Mixing Water Required

3100° F
148 lbs./ft³
Add at Nozzle

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	58.7
SiO ₂	34.2
Fe ₂ O ₃	1.6
TiO ₂	1.9
MgO	0.2
CaO	3.4

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	500-600	1800-2200	0.1 S
2000°F	450-550	1600-1900	0.3 S
2500°F	800-1000	3200-3600	0.2 S
3000°F	1100-1400	3500-4000	0.1 E

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.