

MILBRO REFRACTORIES, INC.

MILGUN 28

MILGUN 28 is a high strength, low shrinkage gun mix designed for resistance to wetting and erosive action of Iron and steel. Used in reheat furnaces, iron transfer ladles, and coolers of rotary cement kilns.

Service Temperature
Material Required for Estimating
Mixing Water Required

2800° F
135 lbs./ft³
Add at Nozzle

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	49.8
SiO ₂	38.6
Fe ₂ O ₃	1.4
TiO ₂	1.8
MgO	0.2
CaO	7.8

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	800-1000	2500-3000	0.1 S
1000°F	700-800	1800-2200	0.2 S
1750°F	500-600	1700-1900	0.2 S
2000°F	550-700	1700-2000	0.3 S
2500°F	900-1100	2200-2500	0.8 E
2640°F	1150-1300	3800-4200	0.3 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.