

# MILBRO REFRACTORIES, INC.

## MILGUN TR

MILGUN TR is a high purity, silicon carbide gun mix, designed for maintenance of blast furnaces, troughs, runners, etc. Extremely resistant to molten metal and slag attack. Excellent abrasion resistance and strength throughout the temperature range. Can be gunned on hot or cold surfaces to 3300°F.

**Service Temperature**  
**Material Required for Estimating**  
**Mixing Water Required**

**3300°F**  
**170 lbs./ft<sup>3</sup>**  
**Add at Nozzle**

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	31.9
SiO <sub>2</sub>	5.2
Fe <sub>2</sub> O <sub>3</sub>	0.9
TiO <sub>2</sub>	0.8
MgO	0.3
CaO	3.8
SiC, C	57.1

### TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	700-900	2600-2900	0.2 S
2000°F	650-500	2200-2550	0.1 S
2500°F	1100-1350	3300-3700	0.1 E
3000°F	1300-1500	3600-1150	0.2 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.