

MILBRO REFRACTORIES, INC.

MILGUN LW 22

MILGUN LW 22 is a hydraulic setting lightweight gun mix with excellent insulating properties. Excellent as a lightweight gunning refractory for heaters, flues, ducts, side walls, doors and roofs of various furnaces. Minimum cracking and good strength in pot line applications.

Service Temperature	2200° F
Material Required for Estimating	66 lbs./ft³
Mixing Water Required	Added at Nozzle

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	32.8
SiO ₂	28.3
Fe ₂ O ₃	9.3
TiO ₂	0.4
MgO	0.9
CaO	25.5
Alkalies	2.8

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Cold Crushing Strength, psi	Linear Change %	Thermal Conductivity BTU/sq.ft/hr/in/° F
220° F	1850-2300	0.2 S	500° F 1.9
1500° F	1400-1900	0.7 S	1000° F 2.1
2000° F	1250-1650	0.8 S	1500° F 2.9

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.