

MILBRO REFRACTORIES, INC.

MILGUN LW 21

MILGUN LW 21 is a hydraulic setting lightweight gun mix. Good insulating properties and strength with resistance to abrasion and erosion. Good to 2100° F. Excellent gunning characteristics.

Service Temperature 2100° F
Material Required for Estimating 56 lbs./ft³
Mixing Water Required Added at Nozzle

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	27.3
SiO ₂	43.8
Fe ₂ O ₃	9.3
TiO ₂	0.4
MgO	0.9
CaO	15.5
Alkalies	2.8

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Cold Crushing Strength, psi	Linear Change %	Thermal Conductivity BTU/sq.ft/hr/in/°F
220° F	1950-2350	0.0	500° F 3.0
1500° F	1300-1600	0.2 S	1000° F 3.3
2000° F	2550-2950	0.3 E	1500° F 3.7

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.