

MILBRO REFRACTORIES, INC.

MILCAST LW 18

A hydraulic setting, insulating castable with a service temperature of 1800° F that exhibits outstanding insulating characteristics. Formulated as a back up lining behind dense castable or refractory brick.

Service Temperature	1800° F
Material Required for Estimating	35 lbs./ft³
Mixing Water Required	12.0-14.0 qt./50lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	28.0
SiO ₂	39.8
Fe ₂ O ₃	4.8
TiO ₂	0.6
MgO	10.9
CaO	3.4

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Cold Crushing Strength, psi	Linear change %	Thermal Cond. BTU/sq.ft/hr/in./° F
220°F	200-300	0	500°F 1.1
1500°F	150-300	0.4 S	1000°F 1.3
2000°F	100-250	0.1 S	2000°F 1.5

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.