

MILBRO REFRACTORIES, INC.

MILCAST LW 26

A hydraulic setting insulating castable with superior strength and abrasion resistance. MILCAST LW 26 can be used as a working lining in such applications as furnace stacks, driers and reheat furnace doors.

Service Temperature	2600° F
Material Required for Estimating	80 lbs./ft³
Mixing Water Required	7.5-9.0 qt./80lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	51.4
SiO ₂	34.9
Fe ₂ O ₃	1.9
TiO ₂	1.9
MgO	0.1
CaO	9.2
Alkalies	0.6

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Cold Crushing Strength, psi	Linear change %	Thermal Cond. BTU/sq.ft/hr/in./° F
220°F	1300-1600	0.1 S	500°F 2.6
1500°F	900-1000	0.2 E	1000°F 2.9
2000°F	650- 800	0.9 E	1500°F 3.1
2500°F	1000-1200	1.5 E	2000°F 3.6

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.