

MILBRO REFRACTORIES, INC.

MILCAST LW 25 CB

A hydraulic setting, insulating castable with a service limit of 2500° F. Exhibits low thermal conductivity and good strength. Excellent as a working lining. Designed for CARBON BAKING FURNACE applications. MILCAST LW 28 CB can be cast or gunned in place with little change in density or thermal conductivity.

Service Temperature	2500° F
Material Required for Estimating	52 lbs./ft³
Mixing Water Required	10.0-12.0 qt./50lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	47.4
SiO ₂	35.1
Fe ₂ O ₃	1.5
TiO ₂	0.9
MgO	0.4
CaO	13.3
Alkalies	1.4

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Cold Crushing Strength, psi	Linear change %	Thermal Cond. BTU/sq.ft/hr/in. ² ° F
220°F	500-600	0.1 S	500°F 1.7
1700°F	350-500	0.2 S	1000°F 1.9
2000°F	400-500	0.3 S	1500°F 2.2
2400°F	350-450	0.3 E	2000°F 2.6

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.

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