

MILBRO REFRACTORIES, INC.

MILCAST LW 28 CB

A hydraulic setting, insulating castable with superior strength and high service limit. Excellent insulating characteristics. Designed for CARBON BAKING FURNACE applications. MILCAST LW 28 CB can be cast or gunned in place.

Service Temperature	2800° F
Material Required for Estimating	57 lbs./ft³
Mixing Water Required	6.0-7.5 qt./60lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	52.8
SiO ₂	35.6
Fe ₂ O ₃	1.5
TiO ₂	1.3
MgO	0.1
CaO	8.7

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Cold Crushing Strength, psi	Linear change %	Thermal Cond. BTU/sq.ft/hr/in./° F
220°F	750-900	0.1 S	500°F 1.9
1500°F	300-400	0.1 S	1000°F 2.2
2000°F	550-800	0.3 S	1500°F 2.4
2500°F	950-1150	0.8 E	2000°F 2.7
2700°F	1000-1400	1.2 E	2500°F 3.1

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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