

MILBRO REFRACTORIES, INC.

MILCAST 28 LC

A 2800° F, low cement castable with outstanding strength and abrasion resistance. Dense particle packing means lower porosity, less water required for mixing and less dry-out time. Hot strengths excel, particularly at intermediate temperatures.

Service Temperature	2825°F
Material Required for Estimating	142 lbs./ft³
Mixing Water Required	3.0-3.5 qt./100lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	50.34
SiO ₂	45.17
Fe ₂ O ₃	0.61
TiO ₂	1.61
MgO	Trace
CaO	1.89

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1200	4793	0.1 S
1500°F	1346	6062	0.1 S
2000°F	1400	6200	0.2 S
2500°F	2850	12200	0.4 E