

MILBRO REFRACTORIES, INC.

MILCAST 25 LC

A 2500° F, low cement castable with outstanding strength and abrasion resistance. Excellent hot strengths and erosion resistance. Less dry-out time. Superior service life as compared to regular castables.

Service Temperature	2575° F
Material Required for Estimating	134 lbs./ft³
Mixing Water Required	3.0-3.5 qt./100lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	45.7
SiO ₂	49.8
Fe ₂ O ₃	0.8
TiO ₂	1.7
MgO	0.1
CaO	1.7

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1150	4300	0.1 S
1500°F	1650	7800	0.1 S
2000°F	1200	5900	0.2 S
2500°F	2350	11100	0.3 E

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.