

MILBRO REFRACTORIES, INC.

MILCAST 60 LC

A mullite based, low cement castable with excellent non-wetting characteristics. High strengths, low porosity and high abrasion resistance are features that allow MILCAST 60 LC to be used in contact with molten metal and severe wear applications.

Service Temperature	3100°F
Material Required for Estimating	150 lbs./ft³
Mixing Water Required	3.0-3.5 qt./100lbs

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	58.8
SiO ₂	36.1
Fe ₂ O ₃	0.9
TiO ₂	1.7
MgO	0.1
CaO	2.1

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1920	9000	0.0
1500°F	3000	9250	0.2 S
2000°F	2900	8050	0.2 S
2500°F	2800	11800	0.6 E
3000°F	4250	14000	0.9 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.