

# MILBRO REFRACTORIES, INC.

## MILCAST 65 LC

A dense low cement castable with excellent abrasion resistance High strengths, low porosity and volume stability are additional features. Exhibits excellent qualities for installation.

<b>Service Temperature</b>	<b>3100° F</b>
<b>Material Required for Estimating</b>	<b>162 lbs./ft<sup>3</sup></b>
<b>Mixing Water Required</b>	<b>3.0-3.5 qt./ 100lbs</b>

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	64.6
SiO <sub>2</sub>	31.1
Fe <sub>2</sub> O <sub>3</sub>	0.8
TiO <sub>2</sub>	1.5
MgO	0.1
CaO	1.7

### TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	2500	12500	0.0
1500°F	2600	13600	0.1 S
2000°F	2850	15900	0.2 S
2500°F	2950	17300	0.3 S
3000°F	2550	14800	0.6 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.