

# MILBRO REFRACTORIES, INC.

## LADLE RAM

A high silica air setting, ramming mix. This product is especially recommended where slags are fairly corrosive. Typical used in LD, Martin and electric steelworks. Excellent ramming characteristics, LADLE RAM is also easy to tear out.

<b>Service Temperature</b>	<b>2900° F</b>
<b>Melting Point</b>	<b>2966° F</b>
<b>Material Required for Estimating</b>	<b>95 lbs./ft<sup>3</sup></b>
<b>Moisture</b>	<b>8%-9%</b>

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	85.2
SiO <sub>2</sub>	8.8
Fe <sub>2</sub> O <sub>3</sub>	1.9
TiO <sub>2</sub>	1.1
MgO	0.2
CaO	0.1
Alkalies	0.9

### TYPICAL PHYSICAL PROPERTIES

Temperature °F	Linear change %
220°F	0.2 S
1000°F	0.1 S
1500°F	0.2 E
2000°F	0..2 E