

# MILBRO REFRACTORIES, INC.

## MILPLAS 60 AS

A high alumina, air setting, plastic refractory for service to 3100°F. Excellent resistance to thermal and mechanical shock. For use where conditions are too severe for super duty plastic. Typical applications are soaking pits, firing hoods and reheat furnaces

<b>Service Temperature</b>	<b>3100° F</b>
<b>Melting Point</b>	<b>3225° F</b>
<b>Material Required for Estimating</b>	<b>155 lbs./ft<sup>3</sup></b>

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	62.4
SiO <sub>2</sub>	33.1
Fe <sub>2</sub> O <sub>3</sub>	1.6
TiO <sub>2</sub>	2.2
MgO	0.1
CaO	0.1

### TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	250-325	600-800	0.6 S
2000°F	350-450	1200-1450	0.9 S
2900°F	600-750	1950-2250	2.2 S

All data shown is based on average of standard ASTM procedures, unless otherwise indicated. Results are subject to reasonable deviation and should not be used for specification purposes.