

MILBRO REFRACTORIES, INC.

MILPLAS G

A high duty, graphite based plastic refractory. Non-wetting, MILPLAS G features easy skull removal. Due to its volume stability and carbon content, MILPLAS G will provide excellent service and is ideal for the maintenance of troughs, runners, etc.

Service Temperature	2900° F
Melting Point	3100° F
Material Required for Estimating	130 lbs./ft³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	37.5
SiO ₂	44.8
Fe ₂ O ₃	1.7
TiO ₂	2.9
MgO	0.2
CaO	0.1
C	12.8

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	400-500	1350-1800	0.1 S
1500°F	100-150	450-700	0.2 S
2000°F	500-700	1600-2200	0.2 S
2500°F	1000-1400	3200-4200	0.1 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.