

MILBRO REFRACTORIES, INC.

MILTROUGH P

A, high performance, erosion resistant, trough & ladle plastic. Non-wetting, MILTROUGH P has been designed to out perform conventional materials in resistance to erosion and the corrosive effects of molten metals & slags. Excellent workability aids in ease of installation.

Service Temperature	3300° F
Melting Point	3495° F
Material Required for Estimating	125 lbs./ft³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	89.5
SiO ₂	7.9
Fe ₂ O ₃	0.8
TiO ₂	0.6
MgO	0.3
CaO	0.1

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220° F	300-550	1200-1700	0.3 S
2000° F	400-600	1600-2100	0.1 S
2500° F	425-600	1800-2350	0.2 E
3000° F	450-700	1900-2550	0.3 E

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.