

MILBRO REFRACTORIES, INC.

STEEL PASTE

A high temperature carbon bearing paste. This product is able to withstand attack of molten metals and slags, yet exhibits non wetting characteristics. STEEL PASTE is ideal for use as a patching material or as the bonding agent to set nozzle blocks, pocket blocks, etc.

Service Temperature	3000° F
Melting Point	3150° F
Material Required for Estimating	110 lbs./ft.³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	58.7
SiO ₂	31.2
Fe ₂ O ₃	1.4
TiO ₂	1.3
MgO	0.1
CaO	0.1
C	7.2

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	150-300	350-600	0.1 S
2000°F	250-400	550-750	0.1 S
2500°F	300-500	650-850	0.1 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.