

MILBRO REFRACTORIES, INC.

SUPER-FLOW® 80

SUPER-FLOW® 80 is an 80% alumina class, low cement castable with exceptional abrasion resistance. It can be cast or pumped into place with minimal vibration. SUPER-FLOW® 80 has out-standing strength throughout the temperature range.

Service Temperature	3100°F
Material Required for Estimating	175 lbs./ft³
Mixing Water Required	6.0% - 6.2%

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	80.4
SiO ₂	14.8
Fe ₂ O ₃	1.1
TiO ₂	2.2
MgO	0.1
CaO	1.4

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220°F	1690	12500	0.1 S
1500°F	1925	15500	0.1 S

ABRASION RESISTANCE: 4.5 CC AFTER 1500°F.

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