

MILBRO REFRACTORIES, INC.

RED ROCK[®]

RED ROCK[®] is a mullite based, low iron, chemically bonded plastic refractory, which exhibits excellent strengths and volume stability through-out the temperature range. RED ROCK[®] is used where resistance to slagging, spalling and abrasion is required.

Service Temperature	3100° F
Melting Point	3200° F
Material Required for Estimating	162 lbs./ft³

TYPICAL CHEMICAL ANALYSIS

Al ₂ O ₃	67.6
SiO ₂	26.5
Fe ₂ O ₃	0.8
TiO ₂	1.4
MgO	0.1
CaO	0.1
P ₂ O ₅	3.0

TYPICAL PHYSICAL PROPERTIES

Temperature °F	Modulus of Rupture, psi	Cold Crushing Strength, psi	Linear change %
220° F	1150	1900	0.2 S
1500° F	1400	3150	0.1 S
2000° F	1600	3600	0.1 S
2500° F	2300	6000	0.7 E
3000° F	2900	11150	1.6 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.