Product Data Sheet - Refractories

June 3, 2011

Product: W-G Low-duty Firebrick Buff
Plant: Alliance, OH
Method of Manufacture: Vacuum Dry Press

Typical Chemical Analysis

SiO₂.............................................................................63.5%
Al₂O₃...........................................................................27.6%
Fe₂O₃..........................................................................2.8%
TiO₂.............................................................................1.5%
MgO.............................................................................0.7%
Alkali..........................................................................3.5%

Typical Physical Properties

P.C.E.
(min)..............................................................................15
Apparent Porosity.........................................................13-17%
Modulus of Rupture (min).............................................600 psi
Temperature fired to during manufacture = 2000°F (1093°C)
Manufactured to meet ASTM C 27 (Low Duty) and C 1261
Recommended maximum operating temperature = 2000°F

Note: All data subject to reasonable deviation and should not be used as specification.