Product Data Sheet - Refractories

June 3, 2011

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

Typical Chemical Analysis

SiO₂ .......................................................... 62.2%
Al₂O₃ .......................................................... 26.1%
Fe₂O₃ .......................................................... 4.9%
TiO₂ .......................................................... 1.3%
MgO .......................................................... 1.3%
Alkali ......................................................... 3.9%

Typical Physical Properties

P.C.E. (min) .................................................. 13
Apparent Porosity .......................................... 13-17%
Modulus of Rupture (min) ................................ 500 psi
Temperature fired to during manufacture = 2000°F (1093°C)
Manufactured to meet ASTM C 1261
Recommended maximum operating temperature = 1750°F

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