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. Sizes are nominal.