



Product Data Sheet – Refractories

June 2, 2017

Product: WG Low-duty Firebrick Buff
Plant: Alliance
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.

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