



Product Data Sheet- Refractories

February 16, 2026

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

Typical Chemical Analysis

SiO ₂	63.5%
Al ₂ O ₃	27.6%
Fe ₂ O ₃	2.8%
TiO ₂	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 during manufacture = 2000° (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

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