

DESCRIPTION: High Duty, dry press firebrick grog
 SIZES: Various



TYPICAL TEST DATA

CHEMICAL ANALYSIS [Wt. % Calcined Basis]

Silica [SiO ₂]	56.3
Aluminum Oxide [Al ₂ O ₃]	37.6
Titanium Dioxide [TiO ₂]	2.0
Iron Oxide [Fe ₂ O ₃]	1.7
Potassium Oxide [K ₂ O]	1.3
Other Oxides	0.4
Magnesium Oxide [MgO]	0.4
Calcium Oxide [CaO]	0.3
Total	100.0
Loss on Ignition, 1000°C	0.1

PHYSICAL PROPERTIES

ASTM C-24

P.C.E.	32-32½
Service Temperature [max. recommended], °F	2850
Temperature Equivalent [melting], °F	3123

ASTM C-20

Apparent Porosity, %	19.9
Apparent Specific Gravity, g/cc	2.7
Bulk Density [fired] lb./ft ³	133.7
Water Absorption, %	8.8

SDS AVAILABLE UPON REQUEST

The above properties represent average results of typical data produced from standard ASTM test methods on a 9" straight. Specifications should not be considered guaranteed. Aalsey Refractories Company makes every effort to ensure consistency in our products; however, properties may vary due to standard statistical manufacturing deviations. Aalsey Refractories Company reserves the right to modify this data at any time without prior notice.



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