



ALSEY
refractories co.

PRODUCT DATA

EXETER 50

50% Alumina dry press firebrick of various sizes

TYPICAL TEST DATA

CHEMICAL ANALYSIS [Wt. % Calcined Basis]

Silica [SiO ₂].	46.1
Aluminum Oxide [Al ₂ O ₃].	50.7
Titanium Dioxide [TiO ₂].	1.5
Iron Oxide [Fe ₂ O ₃].	1.0
Phosphorus Pentoxide [P ₂ O ₅].	0.1
Other Oxides.	0.3
Calcium Oxide [CaO].	0.1
Alkali [Na ₂ O/K ₂ O].	0.2
Total	100.0
Loss on Ignition, 1000°C.	0.0

PHYSICAL PROPERTIES

ASTM C-24

P.C.E.	>34
Service Temperature [max. recommended], °F	3205

ASTM C-133

Modulus of Rupture [MOR], psi	1616
Cold Crush	7624

ASTM C-20

Apparent Porosity, %	14-16
Apparent Specific Gravity, g/cc	2.9
Bulk Density [fired] lb./ft ³	150.9

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. Alsey Refractories Company makes every effort to ensure consistency in our products; however, properties may vary due to standard statistical manufacturing deviations. Alsey Refractories Company reserves the right to modify this data at any time without prior notice.



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