



ALSEY
refractories co.

PRODUCT DATA

EXETER 70

70% Alumina dry press firebrick of various sizes

TYPICAL TEST DATA

CHEMICAL ANALYSIS [Wt. % Calcined Basis]

Silica [SiO ₂].	24.5
Aluminum Oxide [Al ₂ O ₃].	69.7
Titanium Dioxide [TiO ₂].	2.7
Iron Oxide [Fe ₂ O ₃].	1.4
Alkali [Na ₂ O/K ₂ O].	0.2
Other Oxides.	0.9
Calcium Oxide [CaO].	0.1
Total	100.0
Loss on Ignition, 1000°C.	0.0

PHYSICAL PROPERTIES

ASTM C-24

P.C.E.	>36
Service Temperature [max. recommended], °F	3250

ASTM C-133

Modulus of Rupture [MOR], psi	2345
Cold Crush	9537

ASTM C-20

Apparent Porosity, %	18.5
Apparent Specific Gravity, g/cc	3.2
Bulk Density [fired] lb./ft ³	162.5

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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