



ALSEY
refractories co.

PRODUCT DATA

EXETER 85P

85% Alumina, dry press firebrick of various sizes

TYPICAL TEST DATA

CHEMICAL ANALYSIS [Wt. % Calcined Basis]

Silica [SiO ₂]	9.5
Aluminum Oxide [Al ₂ O ₃]	82.8
Titanium Dioxide [TiO ₂]	2.0
Iron Oxide [Fe ₂ O ₃]	0.9
Phosphorus Pentoxide [P ₂ O ₅]	3.3
Other Oxides	1.4
Alkali [Na ₂ O/K ₂ O]	0.1
Calcium Oxide [CaO]	0.0
Total	100.0
Loss on Ignition, 1000°C	0.0

PHYSICAL PROPERTIES

ASTM C-24

P.C.E.	>36
Service Temperature [max. recommended], °F	3200

ASTM C-133

Modulus of Rupture [MOR], psi	2950
Cold Crush	15857

ASTM C-20

Apparent Porosity, %	16.0
Apparent Specific Gravity, g/cc	3.5
Bulk Density [fired] lb./ft ³	181.1

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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