



TECHNICAL DATA - TYPICAL

REFRACTORY BRICK

CLAYBURN S

Classification	A high quality dry press barrier brick for aluminum pot-line service		
Refractoriness P.C.E.	Cone 26-29		
Temperature Equivalent	2950-3020°F		(1620-1660°C)
Bulk Density	125-132 lbs/ft ³		(2.00-2.11 g/cm ³)
Cold Crushing Strength	2500-4000 lbs/in ²		(17-28 MPa)
Apparent Porosity (%)	19-22%		
Thermal Conductivity	<u>Btu/ft²•Hr•°/in</u>		<u>(W/mK)</u>
400°F (204°C)	7.2		1.04
1500°F (816°C)	8.2		1.18
<u>Chemical Analysis (%)</u>			
Silica	SiO ₂	60-64%	
Alumina	Al ₂ O ₃	29-33%	