

Product Type
Classification

Alumina Silica Brick
ASTM C-27

Chemical Composition

	Average Values	Units	Standard
			ASTM C-573
Al ₂ O ₃	30 – 32	%	
SiO ₂	62 – 64	%	
Fe ₂ O ₃	1.5 – 2.0	%	

Physical Properties

Refractoriness	1650	°C	ASTM C -24
Bulk Density	> 2.15	g/cm ³	ASTM C -20
Apparent Porosity	< 19	%	ASTM C -20
Cold Compressive Strength	> 300	kg/cm ²	ASTM C -133
Refractoriness under Load, t0.5	> 1300	°C	ASTM C -16
Linear Thermal Expansion at 1000 °C	0.67	%	ASTM C -832

Tolerance in Dimensions

			ASTM C -134
≤ 150 mm	± 1.5	mm	
≥ 150 mm	± 1.0	%	



The data given in this technical information sheet have been determined as average values on test specimens of standard bricks .

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Item No.

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