

Chosun Refractories SAL95 Special High Alumina brick

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Information provided by Chosun Refractories via Korea Institute of Ceramic Engineering and Technology (KICET).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Chosun-Refractories-SAL95-Special-High-Alumina-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	3.20 g/cc	0.116 lb/in ³	
Porosity	14 %	14 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	98.1 MPa	14200 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	7.50 µm/m-°C	4.17 µin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Shrinkage	0.00 %	0.00 %	
	@Temperature 1500 °C, Time 7200 sec	@Temperature 2730 °F, Time 2.00 hour	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	96 %	96 %	
Fe ₂ O ₃	0.20 %	0.20 %	

Descriptive Properties	Value	Comments
Main Application	Ammonia plant, Carbon product, Rotary kiln, Shaft kiln, Various high-temp. furnace	
Refractories Under Load(2kg/?,T2?)	1,700 T2	
Refractoriness (SK)	41	

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