

Chosun Refractories SAL50 Special 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-SAL50-Special-Alumina-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.40 g/cc	0.0867 lb/in ³	
Porosity	16 %	16 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	58.8 MPa	8530 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	5.00 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	2.78 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 1000 °C	@Temperature 1830 °F	
Shrinkage	-0.300 - 0.30 %	-0.300 - 0.30 %	
	@Temperature 1600 °C, Time 7200 sec	@Temperature 2910 °F, Time 2.00 hour	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	53 %	53 %	
Fe ₂ O ₃	1.5 %	1.5 %	

Descriptive Properties	Value	Comments
Main Application	Lime Kiln, Cement Kiln, Various Rotary kiln, Reheating furnace, Glass melting Tank, Various furnace	
Refractories Under Load(2kg/?,T2?)	1,550	
Refractoriness (SK)	36	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China