

Chosun Refractories SAL80 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-SAL80-Special-Alumina-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.85 g/cc	0.103 lb/in ³	
Porosity	18 %	18 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	78.5 MPa	11400 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	6.50 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	3.61 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 1000 $^\circ\text{C}$	@Temperature 1830 $^\circ\text{F}$	
Shrinkage	-0.200 - 0.20 %	-0.200 - 0.20 %	
	@Temperature 1600 $^\circ\text{C}$, Time 7200 sec	@Temperature 2910 $^\circ\text{F}$, Time 2.00 hour	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	82 %	82 %	
Fe ₂ O ₃	0.80 %	0.80 %	

Descriptive Properties	Value	Comments
Main Application	Lime kiln, cement kiln, Various Rotary kiln, Reheating furnace, Soaking Pits, Various High-temp.Furnace	
Refractories Under Load(2kg/?,T2?)	1,670	
Refractoriness (SK)	39	

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