

Chosun Refractories SAL85 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-SAL85-Special-Alumina-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.95 g/cc	0.107 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	6.80 µm/m-°C	3.78 µin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Shrinkage	0.00 %	0.00 %	
	@Temperature 1600 °C, Time 7200 sec	@Temperature 2910 °F, Time 2.00 hour	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	86 %	86 %	
Fe ₂ O ₃	0.60 %	0.60 %	

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?)	1,700	
Refractoriness (SK)	40	

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