

Chosun Refractories SAL85C 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-SAL85C-Special-Alumina-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	3.00 g/cc	0.108 lb/in ³	
Porosity	17 %	17 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	83.4 MPa	12100 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	7.20 µm/m-°C	4.00 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
Al2O3	86 %	86 %	
Cr2O3	5.0 %	5.0 %	

Descriptive Properties	Value	Comments
Main Application	Hot blast Stove, Chemical Reactor, Incinerator, Glass melting Tank	
Refractories Under Load(2kg/?,T2?)	1,700	
Refractoriness (SK)	40	

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