

Chosun Refractories H-4S 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-H-4S-High-Alumina-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.33 g/cc	0.0842 lb/in³	
Porosity	19 %	19 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	44.1 MPa	6400 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	5.00 µm/m-°C	2.78 µin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Shrinkage	-0.500 - 0.50 %	-0.500 - 0.50 %	
	@Temperature 1400 °C, Time 7200 sec	@Temperature 2550 °F, Time 2.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	48 %	48 %	
Fe2O3	1.5 %	1.5 %	

Descriptive Properties	Value	Comments
Main Application	Resistance to Spalling, abrasion	
Refractories Under Load(2kg/?,T2?)	1,460	
Refractoriness (SK)	35=	

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