

Chosun Refractories CH-3 Hard Fireclay brick

Category : Ceramic

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-CH-3-Hard-Fireclay-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.21 g/cc	0.0798 lb/in ³	
Porosity	17 %	17 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	34.3 MPa	4980 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	5.80 µm/m-°C	3.22 µin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Shrinkage	-0.200 - 0.20 %	-0.200 - 0.20 %	
	@Temperature 1350 °C, Time 7200 sec	@Temperature 2460 °F, Time 2.00 hour	

Component Elements Properties	Metric	English	Comments
Al2O3	35 %	35 %	
Fe2O3	1.7 %	1.7 %	

Descriptive Properties	Value	Comments
Quality	Anti-abrasion, Anti-spalling	
Refractories Under Load(2kg/?,T2?)	1,350	
Refractoriness (SK)	32	

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