

Chosun Refractories COD-1 Special 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-COD-1-Special-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.35 g/cc	0.0849 lb/in ³	
Porosity	17 %	17 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	49.0 MPa	7110 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	4.00 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	2.22 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 1000 $^\circ\text{C}$	@Temperature 1830 $^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	52 %	52 %	
MgO	2.0 %	2.0 %	

Descriptive Properties	Value	Comments
Refractories Under Load(2kg/?,T?)	1,430	
Refractoriness (SK)	35	

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