

Chosun Refractories ZR-C Special brick

Category : Ceramic , Oxide , Zirconium 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-ZR-C-Special-brick.php

Physical Properties	Metric	English	Comments
Bulk Density	3.55 g/cc	0.128 lb/in ³	
Porosity	16 %	16 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	98.1 MPa	14200 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
ZrO ₂	58 %	58 %	

Descriptive Properties	Value	Comments
Refractories Under Load(2kg/?,T2?)	1,580	
Refractoriness (SK)	36	

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