

Chosun Refractories CUN-810 Nozzle 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-CUN-810-Nozzle-Brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.80 - 2.90 g/cc	0.101 - 0.105 lb/in ³	
Porosity	5.0 - 9.0 %	5.0 - 9.0 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	<= 98.1 MPa	<= 14200 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	4.00 - 5.00 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	2.22 - 2.78 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 1000 $^\circ\text{C}$	@Temperature 1830 $^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	73 - 78 %	73 - 78 %	
Carbon, C	3.0 - 5.0 %	3.0 - 5.0 %	

Descriptive Properties	Value	Comments
Remarks	Corrosion resistance, Spalling resistance	

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