

Chosun Refractories CUN-718 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-718-Nozzle-Brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.75 - 2.81 g/cc	0.0994 - 0.102 lb/in ³	
Porosity	4.0 - 8.0 %	4.0 - 8.0 %	

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

Thermal Properties	Metric	English	Comments
CTE, linear	3.00 - 4.00 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	1.67 - 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	75 - 80 %	75 - 80 %	
Carbon, C	3.0 - 5.0 %	3.0 - 5.0 %	

Descriptive Properties	Value	Comments
Remarks	Excellent Spalling resistance	

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