

## Chosun Refractories CUN-846 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-846-Nozzle-Brick.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-CUN-846-Nozzle-Brick.php)

Physical Properties	Metric	English	Comments
Bulk Density	2.70 - 2.80 g/cc	0.0975 - 0.101 lb/in <sup>3</sup>	
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 - 8.50 $\mu\text{m}/\text{m}\cdot\text{C}$	2.22 - 4.72 $\mu\text{in}/\text{in}\cdot\text{F}$	
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Al <sub>2</sub> O <sub>3</sub>	78 - 83 %	78 - 83 %	
Carbon, C	3.0 - 5.0 %	3.0 - 5.0 %	

Descriptive Properties	Value	Comments
Remarks	Corrosion resistance, Spalling resistance	

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