

Chosun Refractories CUN-50S 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-50S-Nozzle-Brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.40 - 2.50 g/cc	0.0867 - 0.0903 lb/in ³	
Porosity	5.0 - 9.0 %	5.0 - 9.0 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	<= 78.5 MPa	<= 11400 psi	Cold Crushing Strength

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

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	60 - 65 %	60 - 65 %	
Carbon, C	3.0 - 5.0 %	3.0 - 5.0 %	

Descriptive Properties	Value	Comments
Remarks	Excellent Spalling resistance	

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