

Chosun Refractories CUN-738 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-738-Nozzle-Brick.php

Physical Properties	Metric	English	Comments
Bulk Density	2.65 - 2.75 g/cc	0.0957 - 0.0994 lb/in³	
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 µm/m-°C	2.22 - 2.78 µin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	70 - 75 %	70 - 75 %	
Carbon, C	3.0 - 5.0 %	3.0 - 5.0 %	

Descriptive Properties	Value	Comments
Remarks	Spalling resistance	

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