

Chosun Refractories BTN-2 Gas Purging Refractory

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-BTN-2-Gas-Purging-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	2.42 - 2.50 g/cc	0.0874 - 0.0903 lb/in ³	
Porosity	22 - 27 %	22 - 27 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	<= 19.6 MPa	<= 2840 psi	Cold Crushing Strength

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

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	78 - 83 %	78 - 83 %	

Descriptive Properties	Value	Comments
Main Application	Porous Nozzle	
Permeability(? ,cm/? ,sec,h ₂ o,cm)	0.6	

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