

Chosun Refractories BATN-3 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-BATN-3-Gas-Purging-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	2.75 - 2.85 g/cc	0.0994 - 0.103 lb/in ³	
Porosity	21 - 25 %	21 - 25 %	

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

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

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	88 - 93 %	88 - 93 %	

Descriptive Properties	Value	Comments
Main Application	Porous Nozzle, Sharp and homogeneous pore size distribution	
Permeability(? ,cm/? ,sec,h ₂ o,cm)	1.3	

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