

Chosun Refractories BPAP 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-BPAP-Gas-Purging-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	2.85 - 2.95 g/cc	0.103 - 0.107 lb/in ³	
Porosity	23 - 26 %	23 - 26 %	

Mechanical Properties	Metric	English	Comments
Compressive Strength	<= 29.4 MPa	<= 4270 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	7.00 $\mu\text{m}/\text{m}\cdot\text{C}$ @Temperature 1000 °C	3.89 $\mu\text{in}/\text{in}\cdot\text{F}$ @Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	94 - 96 %	94 - 96 %	
Cr2O3	1.0 - 3.0 %	1.0 - 3.0 %	

Descriptive Properties	Value	Comments
Main Application	Bottom bubbling Plug	
Permeability(? ,cm/? ,sec,h2o ,cm)	1.5	

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