

Chosun Refractories BPSC-95 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-BPSC-95-Gas-Purging-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	3.00 - 3.10 g/cc	0.108 - 0.112 lb/in ³	
Porosity	15 - 20 %	15 - 20 %	

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

Thermal Properties	Metric	English	Comments
CTE, linear	6.00 - 7.00 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	3.33 - 3.89 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	
	@Temperature 1000 $^\circ\text{C}$	@Temperature 1830 $^\circ\text{F}$	

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	91 - 94 %	91 - 94 %	

Descriptive Properties	Value	Comments
Main Application	Bottom bubbling plug with slit	

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