

Chosun Refractories BP-95A 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-BP-95A-Gas-Purging-Refractory.php

Physical Properties	Metric	English	Comments
Bulk Density	2.60 - 2.70 g/cc	0.0939 - 0.0975 lb/in ³	
Porosity	27 - 32 %	27 - 32 %	

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

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

Component Elements Properties	Metric	English	Comments
Al ₂ O ₃	93 - 96 %	93 - 96 %	
Cr ₂ O ₃	1.0 - 2.0 %	1.0 - 2.0 %	

Descriptive Properties	Value	Comments
Main Application	Top and Bottom Blowing Plug	
Permeability(? ,cm/? ,sec,h ₂ o,cm)	1.8	

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