

Chosun Refractories SBSN20 Nozzle

Category : Ceramic

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-SBSN20-Nozzle.php

Physical Properties	Metric	English	Comments
Bulk Density	2.45 g/cc	0.0885 lb/in ³	
Porosity	16 %	16 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.027468 GPa	3.9840 ksi	
	@Temperature 1400 °C	@Temperature 2550 °F	
Compressive Strength	0.02943 GPa	4.269 ksi	
	@Temperature 250 °C	@Temperature 482 °F	
	118 MPa	17100 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	3.50 μm/m-°C	1.94 μin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
SiC	75 %	75 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),Si2ON2	20	
Refractories Under Load(2kg/?,T2?)	1700<	

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