

Chosun Refractories SBSN-CT Tube

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-SBSN-CT-Tube.php

Physical Properties	Metric	English	Comments
Bulk Density	2.60 g/cc	0.0939 lb/in ³	
Porosity	15 %	15 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.04905 GPa	7.114 ksi	
	@Temperature 250 °C	@Temperature 482 °F	
Compressive Strength	0.053955 GPa	7.8256 ksi	
	@Temperature 1400 °C	@Temperature 2550 °F	
	196 MPa	28400 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	4.40 μm/m-°C	2.44 μin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
SiC	90 %	90 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),Si2ON2	4	
Refractories Under Load(2kg/?,T2?)	1700	

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