

Chosun Refractories SB65S Bricks, Oxide Bonded SiC

Category : Ceramic , Carbide

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-SB65S-Bricks-Oxide-Bonded-SiC.php

Physical Properties	Metric	English	Comments
Bulk Density	2.70 g/cc	0.0975 lb/in³	
Porosity	15 %	15 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.02943 GPa	4.269 ksi	
	@Temperature 250 °C	@Temperature 482 °F	
	0.034335 GPa	4.9799 ksi	
	@Temperature 1400 °C	@Temperature 2550 °F	
Compressive Strength	88.3 MPa	12800 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	4.80 µm/m-°C	2.67 µin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Fe2O3	0.60 %	0.60 %	
SiC	65 %	65 %	

Descriptive Properties	Value	Comments
Refractories Under Load(2kg/?,T2?)	1,700	

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