

## Chosun Refractories SBSN-G15 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-SBSN-G15-Nozzle.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-SBSN-G15-Nozzle.php)

Physical Properties	Metric	English	Comments
Bulk Density	2.50 g/cc	0.0903 lb/in <sup>3</sup>	
Porosity	13.5 %	13.5 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.037278 GPa	5.4068 ksi	
	@Temperature 1400 °C	@Temperature 2550 °F	
Compressive Strength	0.03924 GPa	5.691 ksi	
	@Temperature 250 °C	@Temperature 482 °F	
Compressive Strength	147 MPa	21300 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	4.00 μm/m-°C	2.22 μin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
SiC	80 %	80 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),Si2ON2	15	
Refractories Under Load(2kg/?,T2?)	1700<	

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