

## Chosun Refractories SC80 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-SC80-Bricks-Oxide-Bonded-SiC.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-SC80-Bricks-Oxide-Bonded-SiC.php)

Physical Properties	Metric	English	Comments
Bulk Density	2.65 g/cc	0.0957 lb/in <sup>3</sup>	
Porosity	17 %	17 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.024525 GPa	3.5571 ksi	
	@Temperature 250 °C	@Temperature 482 °F	
Compressive Strength	0.024525 GPa	3.5571 ksi	
	@Temperature 1400 °C	@Temperature 2550 °F	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	1.1 %	1.1 %	
SiC	81 %	81 %	

Descriptive Properties	Value	Comments
Refractories Under Load(2kg/?,T2?)	1,600	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China