

## Chosun Refractories CRAG-S50 Long Stopper

Category : Ceramic , Oxide , Aluminum Oxide

**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-CRAG-S50-Long-Stopper.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-CRAG-S50-Long-Stopper.php)

Physical Properties	Metric	English	Comments
Bulk Density	2.58 g/cc	0.0932 lb/in <sup>3</sup>	
Porosity	17 %	17 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.006867 GPa	0.9960 ksi	
	@Temperature 1400 °C	@Temperature 2550 °F	
Compressive Strength	0.0079461 GPa	1.1525 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Strength	29.4 MPa	4270 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
Al2O3	72 %	72 %	
SiO2	2.0 %	2.0 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),FC+SiC	23+2	
Remarks	High Corrosion resistance	

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