

Chosun Refractories CRAG-S27 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-S27-Long-Stopper.php

Physical Properties	Metric	English	Comments
Bulk Density	2.45 g/cc	0.0885 lb/in ³	
Porosity	17.3 %	17.3 %	

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	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	3.70 μm/m-°C	2.06 μin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	51 %	51 %	
SiO2	11 %	11 %	
ZrO2	8.5 %	8.5 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),FC+SiC	23+3	
Remarks	Corrosion resistance, Spalling resistance	

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