

Chosun Refractories CRMG-S02 Long Stopper

Category : Ceramic , Oxide , Magnesium 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-CRMG-S02-Long-Stopper.php

Physical Properties	Metric	English	Comments
Bulk Density	2.42 g/cc	0.0874 lb/in ³	
Porosity	17 %	17 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.004905 GPa	0.7114 ksi	
	@Temperature 1400 °C	@Temperature 2550 °F	
Compressive Strength	0.005886 GPa	0.8537 ksi	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Compressive Strength	31.4 MPa	4550 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	5.20 µm/m-°C	2.89 µin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	3.0 %	3.0 %	
MgO	68 %	68 %	
SiO2	1.0 %	1.0 %	

Descriptive Properties	Value	Comments
Chemical Analysis(%),FC+SiC	24+1	
Remarks	For erosive steel	

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