

Chosun Refractories CRAG-L38 Shroud 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-CRAG-L38-Shroud-Nozzle.php

Physical Properties	Metric	English	Comments
Bulk Density	2.20 g/cc	0.0795 lb/in ³	
Porosity	16 %	16 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.00539 - 0.00686 GPa	0.782 - 0.995 ksi	
	@Temperature 1400 °C	@Temperature 2550 °F	
Compressive Strength	24.5 MPa	3560 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	2.00 µm/m-°C	1.11 µin/in-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	41 %	41 %	
SiO2	26 %	26 %	
ZrO2	3.0 %	3.0 %	

Descriptive Properties	Value	Comments
Chemical Analysis (%), FC+SiC	29+1	
Remarks	High spalling resistance, Corrosion resistance	

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