

Chosun Refractories CRAZ-L43 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-CRAZ-L43-Shroud-Nozzle.php

Physical Properties	Metric	English	Comments
Bulk Density	2.70 g/cc	0.0975 lb/in ³	
Porosity	16 %	16 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	0.005886 - 0.007848 GPa @Temperature 1400 °C	0.8537 - 1.138 ksi @Temperature 2550 °F	
Compressive Strength	23.5 MPa	3410 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	3.20 µm/m-°C @Temperature 1000 °C	1.78 µin/in-°F @Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	17 %	17 %	
SiO2	10 %	10 %	
ZrO2	43 %	43 %	

Descriptive Properties	Value	Comments
Chemical Analysis (%), FC+SiC	27+0	
Remarks	High Corrosion resistance for slag and steel	

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