

Chosun Refractories ZNS Plate Brick

Category : Ceramic , Oxide , Zirconium 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-ZNS-Plate-Brick.php

Physical Properties	Metric	English	Comments
Bulk Density	4.80 - 4.90 g/cc	0.173 - 0.177 lb/in ³	
Porosity	13 - 17 %	13 - 17 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	<= 0.014715 GPa @Temperature 1400 °C	<= 2.1343 ksi @Temperature 2550 °F	
Compressive Strength	<= 147 MPa	<= 21300 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	8.00 - 10.0 µm/m-°C @Temperature 1000 °C	4.44 - 5.56 µin/in-°F @Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
ZrO2	93 - 96 %	93 - 96 %	

Descriptive Properties	Value	Comments
Remarks	For Ca added steel, Excellent Corrosion resistance	

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