

Chosun Refractories HRD-SNE Plate Brick

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-HRD-SNE-Plate-Brick.php

Physical Properties	Metric	English	Comments
Bulk Density	3.00 - 3.10 g/cc	0.108 - 0.112 lb/in ³	
Porosity	7.0 - 10 %	7.0 - 10 %	

Mechanical Properties	Metric	English	Comments
Modulus of Rupture	<= 0.00981 GPa @Temperature 1400 °C	<= 1.42 ksi @Temperature 2550 °F	
Compressive Strength	<= 147 MPa	<= 21300 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	11.0 - 13.0 µm/m-°C @Temperature 1000 °C	6.11 - 7.22 µin/in-°F @Temperature 1830 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	85 - 90 %	85 - 90 %	

Descriptive Properties	Value	Comments
Remarks	Spalling resistance, Corrosion resistance	

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