

Chosun Refractories 1600HA BOARD Board

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-1600HA-BOARD-Board.php

Physical Properties	Metric	English	Comments
Bulk Density	0.200 g/cc	0.00723 lb/in ³	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.129 J/g-°C	0.2697 BTU/lb-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Maximum Service Temperature, Air	1600 °C	2910 °F	
Shrinkage	-0.400 %	-0.400 %	
	@Temperature 1600 °C, Time 86400 sec	@Temperature 2910 °F, Time 24.0 hour	
	-0.100 %	-0.100 %	
	@Temperature 1500 °C, Time 86400 sec	@Temperature 2730 °F, Time 24.0 hour	
	0.10 %	0.10 %	
	@Temperature 1400 °C, Time 86400 sec	@Temperature 2550 °F, Time 24.0 hour	
	0.10 %	0.10 %	
	@Temperature 1200 °C, Time 86400 sec	@Temperature 2190 °F, Time 24.0 hour	
	0.30 %	0.30 %	
	@Temperature 1300 °C, Time 86400 sec	@Temperature 2370 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Loss on Ignition(%)	7.0 %	7.0 %	

Descriptive Properties	Value	Comments
Typical applications	high temp. furnace linings, elec.furnace lining back-up, fire protection	
Velocity proof (m/sec)	30	

Descriptive Properties	Value	Comments
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