

Chosun Refractories 1400BOARD 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-1400BOARD-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	1.045 J/g-°C	0.2498 BTU/lb-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Maximum Service Temperature, Air	1430 °C	2610 °F	
Shrinkage	0.40 %	0.40 %	
	@Temperature 900 °C, Time 86400 sec	@Temperature 1650 °F, Time 24.0 hour	
	0.90 %	0.90 %	
	@Temperature 1000 °C, Time 86400 sec	@Temperature 1830 °F, Time 24.0 hour	
	1.6 %	1.6 %	
	@Temperature 1100 °C, Time 86400 sec	@Temperature 2010 °F, Time 24.0 hour	
	2.1 %	2.1 %	
	@Temperature 1200 °C, Time 86400 sec	@Temperature 2190 °F, Time 24.0 hour	
	2.4 %	2.4 %	
	@Temperature 1300 °C, Time 86400 sec	@Temperature 2370 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Loss on Ignition(%)	6.0 %	6.0 %	

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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Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China