

## Chosun Refractories 1600BOARD 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-1600BOARD-Board.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-1600BOARD-Board.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.180 g/cc	0.00650 lb/in <sup>3</sup>	

Thermal Properties	Metric	English	Comments
Specific Heat Capacity	1.087 J/g-°C	0.2598 BTU/lb-°F	
	@Temperature 1000 °C	@Temperature 1830 °F	
Maximum Service Temperature, Air	1600 °C	2910 °F	
Shrinkage	0.00 %	0.00 %	
	@Temperature 1100 °C, Time 86400 sec	@Temperature 2010 °F, Time 24.0 hour	
	0.30 %	0.30 %	
	@Temperature 1200 °C, Time 86400 sec	@Temperature 2190 °F, Time 24.0 hour	
	0.50 %	0.50 %	
	@Temperature 1500 °C, Time 86400 sec	@Temperature 2730 °F, Time 24.0 hour	
	0.70 %	0.70 %	
	@Temperature 1300 °C, Time 86400 sec	@Temperature 2370 °F, Time 24.0 hour	
	1.2 %	1.2 %	
	@Temperature 1400 °C, Time 86400 sec	@Temperature 2550 °F, Time 24.0 hour	

Component Elements Properties	Metric	English	Comments
Loss on Ignition(%)	5.0 %	5.0 %	

Descriptive Properties	Value	Comments
Typical applications	high temp. furnace linings, elec.furnace lining back-up, fire protection	
Velocity proof (m/sec)	25	

Descriptive Properties	Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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