

## Chosun Refractories HL-16 Special Insulating Firebrick

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-HL-16-Special-Insulating-Firebrick.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-HL-16-Special-Insulating-Firebrick.php)

Physical Properties	Metric	English	Comments
Bulk Density	>= 1.10 g/cc	>= 0.0397 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Compressive Strength	<= 4.90 MPa	<= 711 psi	Cold Crushing Strength

Thermal Properties	Metric	English	Comments
CTE, linear	4.70 $\mu\text{m}/\text{m}\cdot\text{°C}$	2.61 $\mu\text{in}/\text{in}\cdot\text{°F}$	
	@Temperature 1000 °C	@Temperature 1830 °F	
Thermal Conductivity	>= 0.4653 W/m-K	>= 3.224 BTU-in/hr-ft <sup>2</sup> -°F	
	@Temperature 350 °C	@Temperature 662 °F	

Component Elements Properties	Metric	English	Comments
Al2O3	<= 65 %	<= 65 %	
Fe2O3	>= 0.50 %	>= 0.50 %	

Descriptive Properties	Value	Comments
Main Applications	High temperature, furnaces and Various Furnaces	
Temp.(?) Reheating Shrinkage less than 0.5%	1,600	

## Contact Songhan Plastic Technology Co.,Ltd.

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