

Chosun Refractories HL-15 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-15-Special-Insulating-Firebrick.php

| Physical Properties | Metric | English | Comments |
|---------------------|--------------|------------------------------|----------|
| Bulk Density | >= 1.00 g/cc | >= 0.0361 lb/in ³ | |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-------------|------------|------------------------|
| Compressive Strength | <= 3.92 MPa | <= 569 psi | Cold Crushing Strength |

| Thermal Properties | Metric | English | Comments |
|----------------------|--|---|----------|
| CTE, linear | 4.50 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$ | 2.50 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$ | |
| | @Temperature 1000 $^{\circ}\text{C}$ | @Temperature 1830 $^{\circ}\text{F}$ | |
| Thermal Conductivity | >= 0.4653 W/m-K | >= 3.224 BTU-in/hr-ft ² - $^{\circ}\text{F}$ | |
| | @Temperature 350 $^{\circ}\text{C}$ | @Temperature 662 $^{\circ}\text{F}$ | |

| Component Elements Properties | Metric | English | Comments |
|--------------------------------|-----------|-----------|----------|
| Al ₂ O ₃ | <= 55 % | <= 55 % | |
| Fe ₂ O ₃ | >= 0.50 % | >= 0.50 % | |

| Descriptive Properties | Value | Comments |
|---|---|----------|
| Main Applications | High temperature, furnaces and Various Furnaces | |
| Temp.(?) Reheating Shrinkage less than 0.5% | 1,500 | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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