

## Chosun Refractories N1-2 Fireclay brick

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-N1-2-Fireclay-brick.php](http://www.lookpolymers.com/polymer_Chosun-Refractories-N1-2-Fireclay-brick.php)

| Physical Properties | Metric    | English       | Comments |
|---------------------|-----------|---------------|----------|
| Bulk Density        | 2.20 g/cc | 0.0795 lb/in³ |          |
| Porosity            | 21 %      | 21 %          |          |

| Mechanical Properties | Metric   | English  | Comments               |
|-----------------------|----------|----------|------------------------|
| Compressive Strength  | 34.3 MPa | 4980 psi | Cold Crushing Strength |

| Thermal Properties | Metric                                 | English                                 | Comments |
|--------------------|----------------------------------------|-----------------------------------------|----------|
| CTE, linear        | 5.60 µm/m-°C                           | 3.11 µin/in-°F                          |          |
|                    | @Temperature 1000 °C                   | @Temperature 1830 °F                    |          |
| Shrinkage          | -0.500 - 0.50 %                        | -0.500 - 0.50 %                         |          |
|                    | @Temperature 1400 °C,<br>Time 7200 sec | @Temperature 2550 °F,<br>Time 2.00 hour |          |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|--------|---------|----------|
| Al2O3                         | 40 %   | 40 %    |          |
| Fe2O3                         | 1.9 %  | 1.9 %   |          |

| Descriptive Properties             | Value | Comments |
|------------------------------------|-------|----------|
| Refractories Under Load(2kg/?,T2?) | 1,320 |          |
| Refractoriness (SK)                | 34=   |          |

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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