

Chosun Refractories N5 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-N5-Fireclay-brick.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Bulk Density | 2.10 g/cc | 0.0759 lb/in ³ | |
| Porosity | 22 % | 22 % | |

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

| Thermal Properties | Metric | English | Comments |
|--------------------|-------------------------------------------------------|--------------------------------------------------------|----------|
| CTE, linear | 5.80 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$ | 3.22 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$ | |
| | @Temperature 1000 $^\circ\text{C}$ | @Temperature 1830 $^\circ\text{F}$ | |
| Shrinkage | -0.500 - 0.50 % | -0.500 - 0.50 % | |
| | @Temperature 1350 $^\circ\text{C}$, Time 7200 sec | @Temperature 2460 $^\circ\text{F}$, Time 2.00 hour | |

| Component Elements Properties | Metric | English | Comments |
|--------------------------------|--------|---------|----------|
| Al ₂ O ₃ | 30 % | 30 % | |
| Fe ₂ O ₃ | 2.0 % | 2.0 % | |

| Descriptive Properties | Value | Comments |
|-----------------------------------|-------|----------|
| Refractories Under Load(2kg/?,T?) | 1,290 | |
| Refractoriness (SK) | 30= | |

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