

Gouda Vuurvast FI 65-12 Insulating Refractory Brick

Category : Ceramic , Oxide , Aluminum Oxide , Silicon Oxide

Material Notes:

This data represents average values, obtained from samples that were cut from standard bricks. Information provided by Gouda Vuurvast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gouda-Vuurvast-FI-65-12-Insulating-Refractory-Brick.php

| Physical Properties | Metric | English | Comments |
|---------------------|------------------|------------------------------------|----------|
| Density | 1.15 - 1.25 g/cc | 0.0415 - 0.0452 lb/in ³ | Apparent |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|-----------------|-----------------|------------------------|
| Compressive Strength | 8.00 - 12.0 MPa | 1160 - 1740 psi | Cold Crushing Strength |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|---|--|----------|
| Thermal Conductivity | 0.490 - 0.690 W/m-K | 3.40 - 4.79 BTU-in/hr-ft ² - ^o F | |
| | @Temperature 200 ^o C | @Temperature 392 ^o F | |
| | 0.490 - 0.690 W/m-K | 3.40 - 4.79 BTU-in/hr-ft ² - ^o F | |
| | @Temperature 600 ^o C | @Temperature 1110 ^o F | |
| | 0.500 - 0.700 W/m-K | 3.47 - 4.86 BTU-in/hr-ft ² - ^o F | |
| | @Temperature 1000 ^o C | @Temperature 1830 ^o F | |
| Maximum Service Temperature, Air | 1650 ^o C | 3000 ^o F | |
| Shrinkage | 0.200 - 0.600 % | 0.200 - 0.600 % | |
| | @Temperature 1620 ^o C, Time 86400 sec | @Temperature 2950 ^o F, Time 24.0 hour | |

| Component Elements Properties | Metric | English | Comments |
|--------------------------------|----------|----------|----------|
| Al ₂ O ₃ | 73 % | 73 % | |
| Fe ₂ O ₃ | <= 1.0 % | <= 1.0 % | |
| SiO ₂ | 24 % | 24 % | |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
|------------------------|-------|----------|

Segercone
Descriptive Properties

37
Value

Comments

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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