

## Pyrotek Pyrocast ZG Refractory Shapes

Category : Ceramic

**Material Notes:**

Aggregate Base: FireclayApplicationsDoor sill Door lintel Door jamb Information provided by Pyrotek.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pyrotek-Pyrocast-ZG-Refractory-Shapes.php](http://www.lookpolymers.com/polymer_Pyrotek-Pyrocast-ZG-Refractory-Shapes.php)

| Physical Properties | Metric    | English                   | Comments |
|---------------------|-----------|---------------------------|----------|
| Density             | 2.37 g/cc | 0.0856 lb/in <sup>3</sup> |          |

| Mechanical Properties | Metric            | English           | Comments                       |
|-----------------------|-------------------|-------------------|--------------------------------|
| Compressive Strength  | 75.84 - 103.4 MPa | 11000 - 15000 psi | after 816°C                    |
| Abrasion              | 7.0 - 11          | 7.0 - 11          | Resistance (CC Loss) ASTM C704 |

| Thermal Properties               | Metric                                   | English                                    | Comments |
|----------------------------------|--|--|----------|
| CTE, linear                      | 8.64 $\mu\text{m}/\text{m}\cdot\text{C}$ | 4.80 $\mu\text{in}/\text{in}\cdot\text{F}$ |          |
|                                  | @Temperature 20.0 °C                     | @Temperature 68.0 °F                       |          |
| Thermal Conductivity             | 0.951 W/m-K                              | 6.60 BTU-in/hr-ft <sup>2</sup> -°F         |          |
|                                  | @Temperature 538 °C                      | @Temperature 1000 °F                       |          |
| Maximum Service Temperature, Air | 1649 °C                                  | 3000 °F                                    |          |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|--------|---------|----------|
| Al2O3                         | 43 %   | 43 %    |          |

## 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