

# ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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## High Alumina Runner Brick



### 1. Main performance parameters of High Alumina Runner Brick

| ITEM                                          | UNIT              | CL-55     | CL-65     | CL-75     |
|-----------------------------------------------|-------------------|-----------|-----------|-----------|
| Al <sub>2</sub> O <sub>3</sub>                | %                 | ≥55       | ≥65       | ≥75       |
| Refractoriness                                | °C                | 1770      | 1790      | >1790     |
| Density                                       | g/cm <sup>3</sup> | 2.20~2.35 | 2.30~2.50 | 2.45~2.60 |
| Porosity                                      | %                 | 22~25     | 24~27     | 24~27     |
| Compressive strength                          | Mpa               | 40~50     | 45~60     | 45~65     |
| Refractoriness under load                     | °C                | ≥1450     | ≥1480     | ≥1500     |
| Reheating linear change rate<br>1450 °C *2h,% | %                 | 0.1~-0.3  | 0.1~-0.3  | 0.1~-0.3  |

2.Introduction:High Alumina Runner Brick, which is made of Calcined Bauxite and high-quality clay and fired at a high temperature of 1380 °C ~ 1450 °C, can be used well below 1450 °C. Its high temperature resistance, erosion resistance of molten steel and molten iron are superior to that of the clay quality runner brick. It is widely used in the casting process of steel plants and foundries

### 3. Features of High Alumina Runner Brick:

- 1) High temperature resistance is better than clay products
- 2) Good strength, erosion resistance and corrosion resistance of molten steel and molten iron
- 3) 2-5 times of use

4. Application: Flowing casting process of molten iron and steel

5.Good feedback of product use effect,the products have been exported to South

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