

## Sintered AZS-16/20/32 Corundum Brick Zirconia Corundum Refractory Brick

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: AZS-16, AZS-20, AZS-32
- Minimum Order Quantity: 1 Ton
- Price: 200-800USD
- Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



### Product Specification

- Application: High Temperature Furnace
- ColdCrushingStrength: 100MPa
- Color: Red
- Density: 3.85g/cm3
- LoadSofteningTemperature:1300
- Material: Corundum
- Name: Corundum Brick
- Porosity: 18%
- Refractoriness: 1790
- RefractorinessUnderLoad: 1450
- Shape: Brick
- Size: Standard
- ThermalConductivity: 15.2W/m.K
- ThermalExpansion: 4.5x10-6/K
- ThermalShockResistance: Good

Our Product Introduction

### Product Description

#### Description of High Quality Sintered AZS-16/20/32 Zirconia Corundum Refractory Brick

Sintered Zirconia Corundum Bricks, also know as AZS bricks, can be made bySintered or Fused. AZS has good resistance to alkali steam and thermal shock. It is mainly used for flame space of glass furnace, arch brick and wall brick of regenerator and upper lattice, and also can be used for auxiliary bottom or material channel brick of Float glass furnace and daily use glass furnace.

Zirconium Corundum Bricks can be divided into several grades according to the content of ZrO<sub>2</sub>, such as three grades of 16%, 20% and 32%.

#### Features of Sintered Zirconia corundum refractory brick

- 1.Excellent thermal shock stability
- 2.Small high temperature creep value
- 3.Good wear-resistance,slag-resistance and alkali corrosion resistance.
- 4.High-purity raw material, barely no pollution.
- 5.High Bulk Density

Shapes and sizes: There are great variety of formats and shapes which are available for different forming and special machine processes.

**Parameter of High Quality Sintered AZS-16/20/32 Zirconia Corundum Refractory Brick**

Item	Index		
	AZS-16	AZS-20	A
ZrO <sub>2</sub> %	≥16	≥20	
Fe <sub>2</sub> O <sub>3</sub> %	≤0.4	≤0.3	
Bulk Density g/cm <sup>3</sup>	≥2.9	≥3.0	
Apparent Porosity %	≤18	≤17	
Cold Crushing Strength MPa	≥90	≥95	:
0.2Mpa Refractoriness Under Load	≥1650	≥1700	≥



**Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd**



+86-18538509097



Jackyhan2023@outlook.com



[bricksrefractory.com](http://bricksrefractory.com)

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China