Standard Size High Alumina Refractory Brick High Alumina Fire Brick

Basic Information

Place of Origin: Zhengzhou ,ChinaBrand Name: Rongsheng Xinwei

• Certification: ISO9001

Model Number: RS-48, RS-55, RS-65, RS-75, RS-80

Minimum Order Quantity: 1 TonPrice: 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

Abrasion Resistance: High
Chemical Resistance: High
Color: White
Compressive Strength: High
Density: High
Firing Temperature: High
Material: Alumina

Name: High Alumina Refractory Brick

Refractoriness: High
Shape: Brick
Size: Standard
Thermal Conductivity: Low
Thermal Expansion: Low
Thermal Shock Resistance: High

• Highlight: Standard Size High Alumina Refractory Brick.

Product Description

Description of Factory Price High Quality Standard Size High Alumina Refractory Fire Brick

High-alumina bricks refer to aluminum silicate refractory products with alumina (Al2O3) content greater than 48%. According to the Al2O3content, they can be divided into groups of 48%, 55%, 65%, 75%, etc. High-alumina bricks for steel-making electric furnace roof can be divided into groups of 65%, 75%, 80%, etc. According to the application, they can be divided into high-alumina bricks for blast furnace, high-alumina bricks for electric furnace roof, high-aluminum bricks for hot blast stove, high-alumina bricks for teeming ladle, high-alumina bricks for ingot casting, general high-alumina brick, etc. The raw materials for producting high-alumina bricks are mainly high bauxite, kyanite, andalusite, sillimanite, natural corundum, industrial alumina, etc. The production process is adding an appropriate amount of binders (for example, clay) into the raw materials, mixing evenly, dry pressing to form, and firing at high temperatures.



Features of Standard Size High Alumina Refractory Brick

- High refractoriness;
 High temperature strength;
 High thermal stability;
- 4. Neutral refractory;
- 5. Good resistance to acid and basic slag corrosion; 6. High refractoriness under load; 7. High temperature creep resistance;

- 8. Low apparent porosity;



Application of Size High Alumina Refractory Brick steel furnace, glass furnace, sodium silicate furnace, ceramic shuttle kiln, cement rotary kiln, blast furnace, electric furnace, blast furnace and reverberatory furnace.

Product Specification of High Alumina Brick

| Item | | Properties | | | |
|---------------------------------------|-----------|------------|-------|-------|-------|
| | | RS-80 | RS-75 | RS-65 | RS-55 |
| Al2O3 (%) | | 80 | ≥75 | ≥65 | ≥55 |
| Refractoriness (°C) | | ≥1790 | ≥1790 | ≥1790 | ≥1770 |
| Bulk density (g/cm3) | | 2.65 | 2.5 | 2.45 | 2.4 |
| Softening temperature under load (°C) | | 1530 | ≥1520 | ≥1500 | ≥147(|
| Linear changes on reheating (%) | 1500°CX2H | 0.1 | 0.1 | 0.1 | 0.1 |
| | | -0.4 | -0.4 | -0.4 | -0.4 |
| | 1450°CX2H | | | | |
| Apparent porosity (%) | | 22 | ≤23 | ≤23 | ≤22 |
| Cold crushing strength (Mpa) | | 55 | ≥50 | ≥45 | ≥40 |





