

## Refractory High Temperature Ceramic Fiber Blanket Ceramic Blanket Insulation

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- Minimum Order Quantity: 50 Rolls
- Price: 200-800USD
- Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 25000 Rolls Per Day



### Product Specification

- Alkali Resistance: Good
- Application: Insulation, Sealing, Fireproofing
- Chemical Composition:  $Al_2O_3$ ,  $SiO_2$ ,  $MgO$ ,  $CaO$ ,  $Fe_2O_3$ , Etc.
- Chemical Resistance: Excellent
- Flexibility: Flexible
- Flexural Strength: 2.5-3.5 MPa
- Heat Storage Capacity: Low
- Moisture Resistance: Good
- Shape: Blanket, Board, Paper, Module, Textile
- Sound Absorption: Good Sound Absorption
- Temperature Rating: 2300°F
- Temperature Resistance: Up To 1260
- Tensile Strength: 0.2-0.4MPa
- Thermal Expansion: 0.5-1.0 X 10<sup>-6</sup>/K
- Working Temperature: 1000-1430



### More Images



### Product Description

#### Manufacturer Supply Hot Sale Refractory High Temperature Ceramic Fiber Blanket China Supplier Ceramic Blanket Insulation

The service temperature of a Ceramic fiber blanket can be 100 , 1260 , 1360 , or 1430 . It includes common type, standard type, high purity type, high alumina type, and zirconium-containing type.

Our Product Introduction

## BLANKET SIZE CAN BE CUSTOMIZED



### Ceramic fiber blanket features and advantages

1. Excellent chemical stability
2. Excellent heat stability
3. Excellent pull resisting strength
4. Low heat conductivity
5. Low thermal storage
6. Excellent heat insulation performance

### Application of Hot Sale Refractory High Temperature Ceramic Fiber Blanket

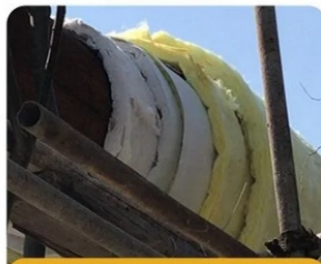
1. High temperature insulation materials in spaceflight, steel and Petrification industry.
2. Fire resistance and insulation in military equipment.
3. Repair, Insulation & Linings for Furnaces, Kilns, Generators, Reformers, Boilers, etc.
4. Insulation for Steam & Gas Turbines, & Other High Temperature Equipment Insulation for Nuclear Applications & Power Plants.
5. High-Temperature Pipe Insulation & Filtration, Casting Mold Insulation, etc.
6. High-Temperature Seals, Furnace Door Seals, Expansion Joint Seals.
7. Fire Protective Insulation or Linings.



Tank insulation



Furnace insulation



Pipe insulation



Pallet car furnace

### Product Specification of Refractory High Temperature Ceramic Fiber Blanket

|                                     |               |             |             |             |             |
|-------------------------------------|---------------|-------------|-------------|-------------|-------------|
| Classification temperature          | 1140          | 1260        | 1400        |             |             |
| Grade                               | XT114         | XT126-A     | XT126-B     | XT140-A     | XT140-B     |
| Permanent linear change %<br>×24h   | ≤-3<br>950    | ≤-3<br>1000 | ≤-3<br>1100 | ≤-3<br>1200 | ≤-3<br>1350 |
| Thermal Conductivity W/(m·K)500     | ≤0.153        |             |             |             |             |
| Tensile Strength MPa 25mm thickness | 0.04          | 0.05        |             | 0.04        | 0.06        |
| Bulk density kg/m <sup>3</sup>      | 64/96/128/160 |             |             |             |             |
| Al <sub>2</sub> O <sub>3</sub> %    | ≥44           | ≥45         | ≥45         | ≥52         | ≥36         |
| SiO <sub>2</sub> %                  | ≥52           | ≥52         | ≥54         | ≥46         | ≥48         |
| ZrO <sub>2</sub> %                  | /             | /           | /           | /           | ≥15         |
| Fe <sub>2</sub> O <sub>3</sub> %    | ≤1.0          | ≤0.8        | ≤0.2        | ≤0.2        | ≤0.1        |

|                                                                      |                        |     |     |     |  |    |
|----------------------------------------------------------------------|------------------------|-----|-----|-----|--|----|
| Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub> %                   | ≥96                    | ≥97 | ≥99 | ≥99 |  | ≥  |
| Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub> +ZrO <sub>2</sub> % | /                      | /   | /   | /   |  | 99 |
| Size                                                                 | 3600/7200×610×20/30/50 |     |     |     |  |    |



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