

1260°C 1400°C Ceramic Fiber Products Ceramic Fiber Felt For Ceramic Kiln

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: High purity, High Alumina, Zirconium
- Minimum Order Quantity: 50 Rolls
- Price: 10-15USD
- Packaging Details: 1. Carton with inner PVC bags carton.
2. Woven bags with inner PVC bags.
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 25000 Rolls Per Day ceramic fiber blanket



Product Specification

- Acid Resistance: Excellent
- Alkali Resistance: Excellent
- Chemical Composition: Al_2O_3 , SiO_2 , ZrO_2
- Compressive Strength: $\geq 0.2\text{MPa}$
- Corrosion Resistance: Excellent
- Density: 128-160 Kg/m^3
- Flexural Strength: $\geq 0.2\text{MPa}$
- Heat Storage Capacity: Low
- Material: Ceramic Fiber
- Moisture Content: $\leq 1.0\%$
- Temperature: 1200°C
- Tensile Strength: $\geq 0.1\text{MPa}$
- Thermal Conductivity: 0.09 - 0.15 W/mK
- Thermal Shock Resistance: Excellent
- Highlight: 1400°C Ceramic Fiber Felt,

Product Description

Introduction of Factory Price 1260°C 1400°C Ceramic Fiber Felt For Ceramic Kiln

Ceramic fiber felt is a type of lightweight and flexible insulating material made from ceramic fibers. These fibers are typically composed of alumina and silica, which are processed to form a fibrous structure. This structure gives ceramic fiber felt excellent insulating properties, making it suitable for a wide range of high-temperature applications.

Characteristics of Ceramic Fiber Felt:

1. High Temperature Resistance
2. Low Thermal Conductivity
3. Lightweight and Flexible
4. Low Heat Storage
5. Chemical Resistance

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6.Non-Combustible

7.Sound Absorption

Applicaition of Ceramic Fiber Felt

Ceramic fiber felt, renowned for its high-temperature resistance and insulating properties, is widely employed in various industries. It serves as furnace insulation, enhancing energy efficiency, and is used in expansion joints to accommodate thermal expansion. Additionally, it finds applications in power plants, insulating boilers and steam pipes, and is utilized in automotive and aerospace sectors for heat shielding. In fire protection, it is crucial for fire doors and curtains. Care should be taken in handling due to potential irritants in the fibers.

Parameter of Ceramic Fiber Felt

Classification temperature	1260		1400
Type	High purity	High Alumina	Zirconia
Permanent Linear Change % x24h	≤-3 1100	≤-3 1200	≤-3 1400
Thermal Conductivity W/(m·K) 500		≤0.153	
Bulk Density kg/m ³		200/220	
Moisture content %		≤1.5	
Organic content %		≤7	
Size		600×400×20~50	



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