

Industrial Ceramic Fiber Module Insulation For Heat Treatment Furnaces

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: SYN-1260Z, SYN-1400Z, SYN-1600Z
- Minimum Order Quantity: 50 Roll
- Price: 10-15 USD
- 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/Day



Product Specification

- Advantage: Fire-resistant And Thermal Insulation
- Chemical Composition: $Al_2O_3-SiO_2$
- Color: White
- Compressive Strength: 0.2-0.4MPa
- Corrosion Resistance: Excellent
- Durability: High Durability
- Fire Resistance: Excellent
- Insulation: Excellent Insulation
- Lightweight: Lightweight
- Moisture Content: $\leq 1\%$
- Quality: ISO9001-2000, ISO14001-1996
- Surface: Smooth Surface
- Temperature: 1200°C
- Temperature Rating: 2300°F
- Usage: Filling Materials



More Images



Product Description

Hot Sale Industrial Furnace Ceramic Fiber Module Insulation For Heat Treatment Furnaces With Good Price
Rongsheng Ceramic Fiber Module is made of high quality ceramic fiber blanket by folding and cutting. Compared with the same or similar blanket of other company, our product is more flat on the surface, more even and tidy of the embroidery. In the production process, we apply dedicated machines according to different fiber component structure and size. In the process, a certain proportion of compression is maintained in order to ensure that modules expand to the different directions after completion of ceramic fiber folded module wall lining, to create mutual extrusion amongst modules and form a seamless whole unit. Ceramic fiber folded modules is directly fixed in industrial furnaces shell plate by various anchorage. Ceramic fiber will perform excellent refractoriness and improve the integrated thermal insulating performance of the furnace.

Our Product Introduction



Industrial Furnace Ceramic Fiber Module Wholesale

- (1) Excellent refractoriness
- (2) Excellent chemical stability and thermal stability
- (3) Low thermal conductivity, low thermal capacity
- (4) Resist to external mechanical forces
- (5) Able to withstand any thermal shock
- (6) Generate no gaps between modules

Application of Ceramic Fiber Module Insulation For Heat Treatment Furnaces

1. Insulation for high-temperature furnaces.
2. Surface insulation of industrial kilns.
3. Fire-barrier material for the multi-temperature-zones furnace.
4. Backing insulation of petroleum, chemical, and metallurgical furnace.
5. High-temperature sintering sagger.
6. High temperature sealing for machine and precision mold.

Product Specification of Hot Sale Industrial Furnace Ceramic Fiber Module

Type		SYN-1260Z	SYN-1400Z	S
Classification Temperature()		1260	1400	
Working Temperature()		1000	1200	
Color		white	white	
Density(kg/m³)		96-230	96-230	
Shrinkage(%)		1100 *24h (2-3)	1200 *24h (1.5-2.5)	1
Thermal conductive(w/mk)	600	0.12	0.13	
	800	0.16	0.2	
	1000	0.22	0.22	
	1200	-	0.25	

Standard Size:Module 300*300*150-300mm;

Other shapes and sizes can be made according to your requirements

Manufacturing Process of Ceramic Fiber Module

Step 1: Raw Material Preparation: Raw materials include ceramic fiber blankets or needle-punched blankets, etc.

Step 2: Design and Cutting: design and cut the ceramic fiber blanket according to specific application requirements.

Step 3: Processing and Forming: after special processing equipment, forming under certain temperature and pressure conditions.

Step 4: Drying and Curing: The module needs to be dried at an appropriate temperature to remove moisture and volatile substances and promote the curing and stability of the material.

Step 5: Inspection and Quality Control: After the production is completed, inspection and quality control are required to ensure that it meets the specified standards.

Product Packing of Ceramic Fiber Module



Here is The Real Case We Have Done



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