

Pottery Kiln Ceramic Fiber Products Polycrystalline Mullite Ceramic Fiber Board

Our Product Introduction

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Basic Information

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



Product Specification

- Chemical Resistance: Excellent
- Color: White
- Compressive Strength: 2.5-3.5 MPa
- Density: 128-160 Kg/m³
- Flexural Strength: 2.5-3.5 MPa
- Material: Ceramic Fiber
- Melting Point: 1400-1500°C
- Moisture Content: ≤1%
- Tensile Strength: 2.5-3.5 MPa
- Thermal Conductivity: 0.09-0.15 W/m.K
- Thermal Expansion: 0.5-1.0 X 10⁻⁶/K
- Thermal Shock Resistance: Excellent
- Thermal Stability: Excellent
- Highlight: Pottery Kiln Ceramic Fiber Products, Ceramic Fiber Board Pottery Kiln, Polycrystalline Mullite Ceramic Fiber Board



More Images



Product Description

Description of Polycrystalline Mullite Fiber Board

Polycrystalline mullite fiber board is made of polycrystalline mullite fiber cotton compressed together using organic and inorganic adhesives by wet vacuum suction filter process. Fiber board has characteristics of excellent strength, anti-scouring, easy processing and cutting. As a multi-purpose product, polycrystalline mullite fiber board can be applied to high temperature heat surface of furnace lining.

Features of Polycrystalline Mullite Fiber Board

Low heat capacity and low thermal conductivity
Non-brittle material, good elasticity
Excellent thermal stability
Resisting wind erosion, long service life
Excellent thermal shock resistance
Excellent spalling resistance performance
Easy to be molded and cut

Applications of Polycrystalline Mullite Fiber Board

Our Product Introduction

High temperature sealing gasket
 Anti-scour parts of lining inner paste
 Hot surface material of high temperature furnace lining
 Heating device thermal insulation
 Furnace door and body filling material

Parameter of Polycrystalline Mullite Fiber Board

Item		Index
Al ₂ O ₃ %		72~75
Al ₂ O ₃ +SiO ₂ %		99
Fe ₂ O ₃ %		0.1
Classification temperature		1600
Bulk Density Kg/m ³		Loose cotton, 56; Trim block, 100; Stacking block
Permanent Linear Change Rate % 1500 ×6h		1
Thermal Conductivity W/(m·K)	1000	0.226
	1400	0.387
Melting Point		1840



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