

Pottery Kiln Ceramic Fiber Products Polycrystalline Mullite Ceramic Fiber **Board**

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Basic Information

- Place of Origin:
 - Rongsheng Xinwei
 - ISO Certification
- Model Number:

• Brand Name:

• Certification:

- Rongsheng Polycrystalline Mullite Fiber Board
- Minimum Order Quantity: 50 Rolls • Price:
 - 10-15USD
- Carton with inner PVC bags carton Packaging Details: 10-20 Days

Zhengzhou, Henan, China

- Delivery Time: TT; L/C
- Payment Terms: • Supply Ability:
 - 25000 Rolls Per Day ceramic fiber blanket

Product Specification

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



More Images

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Ceramic Fiber Board Pottery Kiln,

Product Description

Description of Polycrystalline Mullite Fiber Board

Polycrystalline multite fiber board is made of polycrystalline multite 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.

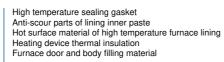
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Features of Polycrystalline Mullite Fiber Board

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



Parameter of Polycrystalline Mullite Fiber Board

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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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