Ultra High Strength Nano Insulation Material Nano Insulation Block

Basic Information

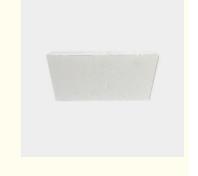
Place of Origin: Zhengzhou, Henan, China
 Brand Name: Rongsheng Xinwei
 Certification: ISO Certification
 Model Number: RSNJ-1, RSNJ-2

Minimum Order Quantity: 1 TonPrice: 200-800 USD

 Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel

bandages

Delivery Time: 20-30DAYS
 Payment Terms: TT; L/C
 Supply Ability: 2000tons /month



Product Specification

· Cost-effective: Yes • Durability: High • Easy To Install: Yes · Eco-friendly: Yes Fire Resistance: Hiah • Heat Resistance: High Lightweight: Yes • Maintenance: Low

Material: Nano Insulation Material

Moisture Resistance: High
Sound Absorption: High
Sound Insulation: High
Thermal Conductivity: Low
Thermal Resistance: High
Water Resistance: High

Product Description

Description of Ultra-high Strength Nano Insulation Block

The new micro-nano insulating brick series products solve the needs of thermal insulation of the wall and bottom of various large furnaces and the working temperature can be from 600 to 1400. With a wide range of application, good thermal insulation performance and high strength, the product can meet the requirements of energy saving and environmental protection of various furnaces.

Main Advantages and Features

- (a) Low thermal conductivity:with low thermal conductivity, it has good heat Insulation effect and can make the furnace wall thickness thinner under the same temperature condition, thus saving more cost.
- (b)low heat capacity. Due to its ultra-high bulk density and low thermal conductivity, the brick accumulates less heat inside, making it more energy efficient.
- (c) Good stability: With very low iron oxide and alkali metal content, its stability is better within the specified service temperature.
- (d)High strength: Its strength at normal and high temperatures is higher than other products with the same bulk density at the

same temperature.

(e) Low size tolerance: The size tolerance is within 0.05mm, the dimensions can be customized according to customer requirements.

Typical Applications

It can be used as a thermal insulation backing layer of refractory materials and the application include:all kinds of industrial furnaces hot blast furnaces, heating furnaces, smelling furnaces, flue pipes, hot, air ducts and other heating and heat generating parts.
(a) Roller Kiln, Tunnel Kiln

Application:Furnace walls and bottom insulation layer of the ceramic roller kin.

Alternative of following:Lightweight clay brick, high alumina insulating brick, mullite insulating brick.

Advantages:not easy to shrink,not easy top pulverize, performance not easy to decay, more cost-effective.

(b) Large Hot At Duel

Appl cation position:Insulation layer of large hot air product.

Alternative of following:Lightweight clay bricks, high alumina poly-light bricks

Advantages:lower outside wall temperature, more energy efficient, lighter weight of thermal equipment, more cost effective.

Parameter of Ultra-high Strength Nano Insulation Block

		Product Perfo	omance Comparison Table	
Products		RSNJ-1 Ultra-high Strength Nano Insulation Block RSNJ-1	RSNJ-2 Ultra-high Strength Nano Insulation Block RSNJ-2	LZ-65High Alumina (
RUL.0.2MPax0 .6%		21580	21400	21500
BD,g/cm'		s1.7	s1.7	225
CCS.MPa		z50	250	2 50
PLC,%		15000 12h -0.1~0.1	1400Cx12h -0.2~0.2	1450Cx12h -0.4-0.1
TC.	Hot Side 800°C	0.399	0,600	t 1.5
w/im.K)	Hot Side 1100°C	0.411	0.650	1.6

Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd







11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China