Osmotic Nano Insulation Material High Efficiency Reinforcing Modifying Agent

Our Product Introduction

Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: RS-GXJ1
- Minimum Order Quantity: 1 Ton
- Price: 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

Product Specification

- Anti-aging: Excellent
- Color: White
- Compressive Strength: ≥200KPa
- Elongation: ≥200%
- Environmental Protection: Excellent
- Fire Resistance: Class A
- Flexibility: Excellent
- Material: Nano
- Moisture Resistance: ≥98%
- Product Name: Nano Insulation Material
- Sound Insulation: ≥35dB
- Temperature Resistance: 200-400
- Tensile Strength: ≥200KPa
- Thermal Conductivity: ≤0.035W/m.K
- Thickness: 0.2-2mm

Our Product Introduction

Product Description

Osmotic-High Efficiency Reinforcing Modifying Agent:

1.Product Features

Spraying this product on the fiber surface can make the surface form a hardened layer, thus achieving the following characteristics:
(1) It can significantly improve the strength of the working surface of refractory fiber products and increase the surface resistance to scouring.
(2) Effectively solve the problem of fiber pulverization, can significantly improve the service life of fiber products.
(3) It can effectively inhibit the shrinkage of fiber products and effectively reduce the phenomenon of fire penetration from the furnace body.

The product penetrates into the interior of fiber products, forming a hardened layer on the surface that is essentially different from a coating and will never come off over time.

As the porosity structure of ceramic fiber is penetrating porosity, there will be heat convection in the heat transfer process for

positive or negative pressure furnace. When the modifying agent penetrates the fiber surface, it will improve the porosity structure of the fiber surface and block the convective heat transfer, thus reducing the temperature of the outer wall and achieving more energy-saving effect.

2.Application
Large furnace cover, ladle cover, chemical industry heating furnace, hot blast furnace, hot air duct large shuttle kiln, heat treatment furnace, industrial electric furnace, etc.

Parameter of Osmotic-High Efficiency Reinforcing Modifying Agent

Item	Index
Product Name	Osmotic-High Efficiency Reinforcing Modifying Agent RS-GXJ1
BD,(g/cm3)	1.35-1.40
Al_2O_3+SiO_2,after drying,%	≥99.5
Refractoriness,	1650
Product Form	Liquid
Shelf Life	6 months at 0-45

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