

## Nano Insulating Castable Refractory Ultra High Strength Insulating Castable Material

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: RSNMJ-1, RSNMJ-2
- 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
- Supply Ability: 2000tons /month



### Product Specification

- Chemical Resistance: Yes
- Color: White
- Elongation: High
- Fire Resistance: Yes
- Heat Insulation: Yes
- Length: 10m
- Material: Nano Insulation Material
- Sound Insulation: Yes
- Temperature Resistance: 200
- Tensile Strength: High
- Thickness: 2mm
- UV Resistance: Yes
- Water Resistance: Yes
- Weight: 2kg
- Width: 1m

### Product Description

#### Description of Ultra-high Strength Nano-grade Insulating Castables:

Rongsheng's ultra-high strength nano-grade insulating castable is made of high-temperature high-strength lightweight nano aggregate, aluminate cement and alumina powder with various additives. Its nano-level porosity structure made the advantages of high crushing strength, low thermal conductivity, excellent heat insulation, energy saving and convenient construction, which can greatly reduce the thermal energy consumption of industrial furnaces.

#### Parameter of Ultra-high Strength Nano-grade Insulating Castables:

| Product         | Ultra-high Strength Nano-grade Insulation Castable |         |
|-----------------|--|---------|
|                 | RSNMJ-1  | RSNMJ-2 |
| RUL,0.2MPa*0.6% | ≥1500  | ≥1350   |

|             |               |                       |  |                       |
|-------------|---------------|-----------------------|--|-----------------------|
| BD, g/cm3   | 110 ×24h      | ≤1.6                  |  | ≤1.6                  |
| CCS, MPa    | 110 ×24h      | ≥25                   |  | ≥25                   |
| PLC,%       |               | 1500 ×12h<br>-0.1 0.1 |  | 1400 ×12h<br>-0.2 0.2 |
| TC,W/ (m.K) | Hot Side 800  | 0.401                 |  | 0.605                 |
|             | Hot Side 1100 | 0.421                 |  | 0.655                 |



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