

## High Temperature Alkali-Resistant Refractory Castable

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- 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: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



### Product Specification

- Application: Furnace Lining, Kiln Lining, Incinerator Lining
- Water Addition: 5-7%
- Setting Time: ≤24 Hours
- Imax Service Temperature: 700 ~1400
- Final Setting Time: ≤6h
- Abrasion Resistance: Excellent
- Density: 2.5 G/cm3
- Installation Method: Vibration Casting
- Bending Strength: ≥30Mpa
- Made: Henan
- Hardening Feature: Extra Rapid Hardening
- Calcium Oxide Content: ≤15%
- Volume Density: 2.6
- Cement: Seacar 71
- Thermal Conductivity: 2.5 W/mK

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### Product Description

#### Product Specifacaton of Alkali-resistant castables

Alkali-resistant castables are a type of prefabricated refractory material specifically designed to combat the destructive effects of alkali metals, their oxides, and compounds. These materials are crucial for lining high-temperature industrial equipment exposed to these elements.

#### Features and Advantages of Alkali-resistant refractory castables:

1. Good resistance to alkaline gases
2. The corrosive ability of slag
3. Long service life

#### Key Applications Alkali-resistant refractory castables

These tough castables find use in various industrial settings, particularly:

**Cement Kilns:** They line critical areas like kiln hoods, preheater systems, decomposing furnaces, and material pipelines.

**Other Industries:** Alkali resistance is also valuable in applications like glass kilns, ceramic tunnel kilns, steel furnaces, and the paper industry's alkali recovery furnaces.

Overall, alkali-resistant castables are a vital tool for industries that rely on high-temperature processes involving alkali compounds. Their exceptional resistance and durability ensure equipment protection and extended service life.

**Product Specification of Alkali-resistant refractory castables**

Item		RS-13NL(GT-13NT)	RS-14NT(GT-14NT)
Al <sub>2</sub> O <sub>3</sub> (%)		48	48
SiO <sub>2</sub> (%)		50	50
Bulk Density(g/cm <sup>3</sup> )		2.10	2.2
Cold Crushing Strength(Mpa)	110 °24h	70	70
	1100 °3h	70	70
	110 °24h	7	7
Cold modules of rupture(Mpa)	1100 °3h	7	7
	1100 °3h	+0.4	+0.4
Linear change after burning(%)		First Grade	First Grade
Alkali resistance(%)		1300	1400
Max using temperature		6.5-7.5	6.0-7.0
Construction Reference Water Consumption		%	%



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