

Furnace Liner Refractory Silica Ramming Mass For Construction Of Various Kilns Lining

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Carbon, Aluminum-magnesia, silicon carbide, alkali, Zirconium mullite
- 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

- Mgo: 60-80% MgO Or As Requirement
- Chemical Stability: Excellent
- Compressive Strength: ≥ 50 MPa
- Porosity: $\leq 18\%$
- SiO₂ Content: $\leq 10\%$
- Max. Working Temperature: ≥ 1600
- Hs Code: 3816000000
- Chemical Resistance: Excellent
- Working Temperature: 1750 ~ 2500 Celsius Degree
- Type: Dry Ramming Mass
- Refractoriness: ≥ 1790
- Package: 25kg/bag Or As Per Customer's Requirement
- Application Temperature: 1300-1700
- Thermal Expansion: $\leq 0.9\%$
- Function: Functional Refractories



More Images



Product Description

Supply Low Price Furnace Liner Refractory Silica Ramming Mass For Construction Of Various Kilns Lining

Silica ramming mass is made of quartz (SiO₂) refractory raw material as aggregate and a certain proportion of powder, binders and additives, which can be used for construction of lining of various kilns. The silica ramming mass introduced today is used in the working layer of the tundish, and the service life can be up to 30 hours after the overall casting, which is generally applicable to small and medium-sized tundish.

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Product Features of Silica Ramming Mass For Various Kilns Lining

1. Convenient construction, mechanized operation and improved working efficiency
2. Compact sintering, erosion resistance, and long service life
3. Do not pollute the molten steel, and meet the needs of clean steel continuous casting
4. The working layer does not crack during use, and it is easy to turn over the package

Advantages of Silica Ramming Mass

1. Convenient construction and time saving
2. Quick baking can improve the operating rate of furnace lining
3. The constructed lining is easy to be repaired when the lining is removed

Applications of Rongsheng Refractory Ramming Mass

Ramming Mass mainly used for furnace lining of boiler, blast furnace, hot blast stove, heating furnace, ceramic kiln and various industrial furnaces. Applicable to all kinds of carbon steel, low manganese steel, alloy steel, alloy cast iron, high-speed tool steel and stainless steel.

Physical and chemical index

Aluminum-magnesia ramming material, high-alumina (or corundum) – silicon carbide – carbon ramming material, alkali refractory ramming material and zirconium mullite ramming material.

Name	Composition	Application		
Carbon packing material	Metallurgical coke powder (less than 4mm) 80% Dehydrated coal tar 15% Coal pitch 5%	The gap between blast furnace base clay brick masonry and furnace shell, blast furnace hearth, the gap between furnace hearth clay brick or high alumina masonry and surrounding cooling wall		
Carbon ramming mass	Metallurgical coke powder (less than 4mm) 85% Dehydrated coal tar 5% Coal pitch 10%	Blast furnace lining		
Magnesia ramming mass	Magnesia sand (granularity ≤5mm) 85% dehydrated coal tar 15%	Lateral lifting open hearth furnace bottom		
	Magnesia sand 89%~91.5% dehydrated coal tar 7%~9% coal pitch 1.5%~2%	Electric furnace bottom		
	Magnesia sand 89% iron oxide powder 2% dehydrated coal tar 9%	Electric furnace bottom and ramp		
Chrome plastic refractory	Chromite 97% binding clay 3% water glass 7%	Soaking pit hearth central part, burner nozzle surrounding		
Magnesia ramming mass	Magnesia sand 50% clay refractory mortar 30% laterite 5% coke powder 5% Iron oxide powder 10% Brine (for extra addition)	Soaking pit hearth central part, burner nozzle surrounding		
Chrome oxide ramming mass	Chromite (granularity ≤3mm) 90% Iron oxide (granularity ≤3mm) 5%	Circular heating furnace bottom		chr



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