Refractory High Alumina Corundum Spinel Fused Ramming Mass For Industrial Kilns And Furnaces

Our Product Introduction

Basic Information

- Place of Origin: Zhengzhou,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Carbon ramming mass, Magnesia ramming mass, Chrome oxide ramming mass
- Minimum Order Quantity: 1 Ton
- Price: 0.0975-0.4873USD
- 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: 2000tons /month

Product Specification

- Highlight: **Fused Ramming Mass For Industrial Kilns**, **Refractory Ramming Mass for Furnaces**

Our Product Introduction

Product Description

Rongsheng Refractory Factory Supply High Alumina Corundum Spinel Fused Ramming Mass For Industrial Kilns And Furnaces

Product Description of Rongsheng Refractory Factory Supply High Alumina Corundum Spinel Fused Ramming Mass For Industrial Kilns And Furnaces

Rongsheng Refractory Ramming Mass is a type of unshaped refractory material created through a ramming process (either manual or mechanical) and then solidified by high-temperature heating. It can be formulated in acid, neutral, or alkaline varieties.

The Ramming Mass utilizes premium high-alumina, corundum, and spinel, along with fused and high-purity magnesite as its primary raw materials. Various binding agents and specially selected fine powders are added, following a precise formulation and mixing process.

Types of Refractory Ramming Mass

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

Rongsheng Refractory Ramming Mass Features

1.On the face in contact with liquid metal there is a dense sintered layer where tightness of liquid metal is quite perfect.

2.Thermal conductivity is lower than other refractoriness so the Thermal loses are less than any other kind of refractory.

3.Good resistance to temperature change.

4.Low cost in furnace lining.

5.Short heating and sintering time through dry preparation Of masses.

6. Strong resistance to erosion.

Refractory Ramming Mass Applications

Refractory Ramming Mass is primarily used for lining the furnaces of boilers, blast furnaces, hot blast stoves, heating furnaces, ceramic kilns, and various industrial furnaces.

It is suitable for a wide range of materials, including carbon steel, low manganese steel, alloy steel, alloy cast iron, high-speed tool steel, and stainless steel.

Ramming Mass Physical And Chemical Index

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

Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd

+86-18538509097 Jackyhan2023@outlook.com bricksrefractory.com

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