

High Durability Stopper Rod Refractory Stopper Nozzles For Continuous Casting

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: SB45, SB40, MC65, MC60, AC70, AC65, MA70, MA65
- Minimum Order Quantity: 1 Ton
- Price: 200-800USD
- 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

- Availability: Widely Available
- Color: White
- Cost: Varies
- Durability: High
- Environmental Impact: Low
- Flammability: Low
- Name: Other Materials
- Recyclability: High
- Resistance: High
- Texture: Smooth
- Toxicity: Low
- Type: Non-Metallic
- Weight: Varies
- Highlight: High Durability Stopper Rod Refractory, Stopper Rod Refractory Continuous Casting, Stopper Rod Refractory Continuous Casting

Product Description

Description of Stopper Rod Refractory For Continuous Casting

Stopper rods are installed in the tundish, controlling the flow from the tundish to the caster. Stopper rods include alumina-carbon ones and magnesia-carbon ones to suit for different casting conditions. A broad range of designs for stopper rods tips suit for bloom caster, billet caster, rectangular billet caster, round billet caster, slab caster and thin slab caster. Stopper rods feature good resistance to erosion and corrosion, steady flow-control and tight closure.

Our Product Introduction



Our Integral Stopper Rod Refractory has the following characteristics:

1. Anti-erosion: Stopper Rod and Nozzle has advanced material formulation to effectively resist the physicochemical effects of the melt.
2. Antioxidant: Advanced anti-oxidation mechanism to ensure good protection of graphite in products.
3. High temperature resistance: use temperature 1770°C
4. High strength: high quality materials, high pressure pressing, reasonable combination, high temperature strength, scientific product and high anti-scouring ability.
5. Less pollution: Monoblock Stopper material is designed with the relationship to the metal being smelted and the process characteristics, without any harmful impurities.
6. Long service life: ductile iron casting life is generally not less than 48 hours, gray iron casting is generally not less than 72 hours.

Product Specification of Stopper Rod Refractory For Continuous Casting

Item	Index	
	SB45	SB40
Al ₂ O ₃ %	≥45	≥40
C %	≥20	≥25
Flexural Strength MPa	≥5.5	≥5.5
Apparent porosity %	≤19	≤19
Bulk density g/cm ³	≥2.36	≥2.2

Head Part:

Item	Index					
	MC65	MC60	AC70	AC65	AC60	MA70
Al ₂ O ₃ %	/	/	≥70	≥65	≥60	/
MgO %	≥65	≥60	//	/	/	/
Al ₂ O ₃ +MgO %	/	/	/	//		≥70
C %	≥9	≥12	≥9	≥12	≥15	≥8
Bulk density g/cm ³	≥2.45	≥2.4	≥2.65	≥2.6	≥2.55	≥2.6
Apparent porosity %	≤19	≤19	≤19	≤19	≤19	≤19



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