

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Fused Quartz Nozzle For Continuous Casting



1,Description of Fused Quartz Nozzle For Continuous Casting:

Fused quartz nozzle is also called quartz ceramic nozzle, which is produced by ceramic grouting process.The product is one of the most important refractories in iron and steel production. It has high replacement frequency and large consumption. The nozzle conveys molten steel to prevent secondary oxidation and splash of molten steel, adjust the flow state of molten steel and purify the molten steel.

2,Index of Fused Quartz Nozzle For Continuous Casting:

Quartz nozzle	Item	Index
chemical composition %	Al ₂ O ₃	<0.072
	Fe ₂ O ₃	<0.0054
	Na ₂ O	<0.0038
	K ₂ O	<0.0035
	SiO ₂	<99.5
Bulk density g/cm ³	≥1.9	
Apparent Porosity %	≤12	
Cold Crushing Strength MPa	≥55	
Modulus of rupture MPa	≥25	
Thermal conductivity W/m.k	0.8	

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Thermal Expansion °C -1	≤0.9*10-6	
degree of crystallinity (vol%)	≤1	
Max service temperature °C	1730	

3,About us:

Our company and factory have more than 20 years of perfect production technology for fused quartz nozzle bricks(Long nozzle,intrusive nozzle),there are strict quality control systems for products from material selection,ingredients,pulping,shaping and firing,It guarantees the appearance quality and internal quality of the product,and guarantees the user's use effect.The products should be selected strictly before they leave the factory. The unqualified products will never leave the factory,the products are packaged strictly to ensure the intact of each product.

4.Product application performance:

- 1)The product has the function of resisting sudden temperature change and large temperature difference, and can contact molten steel directly without preheating.
- 2)The product can effectively resist the erosion of synthetic slag.
- 3)Under the action of high temperature and flow of molten steel, the product does not deform and has high impact resistance.
- 4)The product can effectively prevent the oxidation and spatter of molten steel, and is beneficial to improving the quality of billet.

5. Product characteristics:

- 1) Good thermal shock resistance
- 2) Higher mechanical strength
- 3) Better chemical stability
- 4) Good resistance to acid slag corrosion

6.Good feedback of product use effect,the products have been exported to Japan,Russia,Kenya

7.We are a professional supplier, who can provide customers with free product technology, use and other issues.

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

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Then let's contact with jinggan company

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