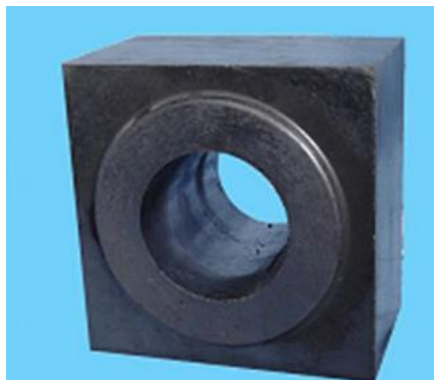


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Nozzle Seating Brick



The nozzle seating brick is mainly used in the continuous casting tundish, the ladle and the nozzle. In the process of high temperature use, it has good resistance to molten steel slag corrosion, abrasion resistance, erosion resistance, peeling resistance, etc. It does not deform, has no cracks, and is easy to remove and install. The products are made of aluminum carbon quality, aluminum spinel quality, corundum chrome quality and other materials.

1,Description of nozzle seating brick

The main function of nozzle seating brick is to fix the position of the nozzle brick, facilitate disassembly and install the nozzle brick, which is used to match the tundish ladle and nozzle brick. The main raw materials are calcined bauxite, corundum, spinel and graphite, which are made by high-pressure molding and baking, and have high corrosion resistance. It is used together with the zirconium nozzle brick, without deformation and crack. The product has stable structure, erosion resistance, corrosion resistance, and good thermal shock stability, among which the average service life of the aluminum spinel pouring seat brick reaches 120 times.

2,Performance parameter of nozzle seating brick

Item	Unit	ZLC-80	ZLJ-80	ZGCr-85
Al ₂ O ₃	%	>80	Al ₂ O ₃ +MgO≥93	Al ₂ O ₃ +Cr ₂ O ₃ ≥88
MgO	%	-	10-15	-
C	%	5-8	-	-
Cr ₂ O ₃	%	-	-	2-5
Density	g/cm ³	>2.75	>3.0	>3.20
Compression strength	Mpa	110°C*24h >65	1500°C*3h >65	1600°C*3h >60
Flexural strength	Mpa	110°C*24h >7	1500°C*3h >8	1600°C*3h >8
Thermal shock resistance		-		1200°C, water cooling,times

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3,Main characteristic of nozzle seating brick

- 1) Resistance to molten steel erosion and high temperature
- 2) Resistance to molten steel corrosion and slag corrosion
- 3) Good thermal shock stability and anti burst capability
- 4) Long service life

4, Product use

The product is mainly used for fixing nozzle bricks in tundish and ladle continuous casting

5,Good feedback of product use effect,the products have been exported to South Korea, Indonesia,HonKong...

6,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 nozzle seating brick?

Do you want to find a stable and credible supplier?

Then please contact with us

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