

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Mold Fluxes



1, Description of Mold Fluxes: the product is made of water washed low carbon graphite as the base material and other fluxes, The product has good lubricity and heat preservation performance. It can form a three-layer structure quickly after contacting with the molten steel, which can lubricate the mold wall and prevent the secondary oxidation and heat preservation of the molten steel. The product has strong applicability, superior to other power plant ash based, carbon slate based, red mud based protective slag products.

2, Features and functions of Mold Fluxes

- 1) Suitable for steelmaking die casting
- 2) Improve ingot surface quality and tail quality
- 3) Prolong the service life of ingot mould
- 4) Prevent secondary oxidation of liquid steel
- 5) Thermal insulation, Reduce heat loss of molten steel
- 6) Absorption and melting of non-metallic inclusions
- 7) Lubrication between the casting wall and the shell
- 8) Improve and control the heat transfer between slab and die casting

3, Usage and dosage: clamped at the bottom of ingot mould, add 1.5-3.0kg per ton of steel

4. Storage and transportation: rainproof and moisture-proof measures shall be taken for storage in dry and ventilated environment

5, Technical index of Mold Fluxes

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Item	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	MgO	Fixed carbon	R ₂ O	Water	100 mesh powder	B.D	Melting point	Melting rate 1350℃	Application conditions
	%	%	%	%	%	%	%		g/cm ³	℃	-	-
BZ-1	35-45	8-13	≤5	≤4	14	1	<0.5	>90	<0.9	1100-1150	35	<1ton keelblock
BZ-2	30-40	<10	≤5	≤3	18	-	<0.5	>85	<0.9	1150-1200	35	3-8tons keelblock
GX-3	35-42	7-11	≤5	≤4	15	-	<0.5	>90	<0.9	1130-1170	35	1-3tons keelblock
SBZ	35-45	15-19	≤5	≤5	1	4	<0.5	>90	<0.9	1100-1160	25	For stainless steel ingots

6. Good feedback of product use effect, the products have been exported to Australia, Oman, the United States

7. The manufacturer is a professional manufacturer and can provide complete product index test reports or third-party test reports.

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?

Then let's contact with jinggan company

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