

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

Address:NO. 3, Yanhe Road, Boshan, Zibo, Shandong, China
Email:wp@cnjingganrefractory.com/sdwenping@163.com
Contact:Rose Tel/Wechat:+86-13275332819
Tel:86-533-4188518 Fax:86-533-4188518

Castable for Wall of Ladle



1,Product description:

The main raw materials of the product are high quality fused magnesia, fused corundum sand and sintered mullite sand. The product forms corundum phase, spinel phase and mullite phase solid solution in the process of use. It has compact structure, good spalling resistance, excellent impact resistance and erosion resistance.

2,Index of Castable for Wall of Ladle:

Model		JBAM	JSAM
Item			
Chemical composition%	Al ₂ O ₃ +MgO	≥85	≥90
Bulk density g/cm ³	110℃*24h	≥2.90	≥3.10
	1000℃*3h	≥2.90	≥3.10
	1500℃*3h	≥2.90	≥3.10
Linear change rate%	110℃*24h	±0.1	±0.1
	1000℃*3h	±0.2	±0.3
	1500℃*3h	0~+1.5	0~+1.5
Crushing strength MPa	110℃*24h	≥80	≥70
	1000℃*3h	≥70	≥60
	1500℃*3h	≥100	≥80

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Bending strength MPa	110℃*24h	≥6	≥5
	1000℃*3h	≥5	≥6
	1500℃*3h	≥8	≥10
Softening point under load℃	0.2MPa,0.6%	≥1500	≥1600

3,Salient features of Castable for Wall of Ladle:

- 1) Castable for Wall of Ladle has good corrosion resistance.
- 2) Castable for Wall of Ladle has good slag resistance.
- 3) The high temperature volume stability of the product is good.
- 4) The product has good slag penetration resistance.

4,Applications of Castable for Wall of Ladle:

- 1) Large ladle
- 2) Medium-sized ladle
- 3) Tundish for Continuous Casting

5,Product knowledge:

- 1) The fine spinel powder in the product can absorb a large amount of iron oxide in the slag, solidify the iron oxide and slow down the soaking of the slag.
- 2) CaO in slag and Al₂O₃ in fine powder of product form needle-like substance, which makes pore fine and inhibits slag penetration.
- 3) The liquid phase of SiO₂ becomes viscous and inhibits slag penetration.

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

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Contact me:Email:wp@cnjingganrefractory.com/sdwenping@163.com

TEL: 86-0533-4188518 / FAX: 86-0533-4188518

Rose:+86-13275332819(wechat/whatsapp number)