

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Mullite Regenerative Ball For Hot Blast Furnace



1,Description of Mullite Regenerative Ball For Hot Blast Furnace

Regenerative ball, also known as spherical regenerator, is made of Al_2O_3 , kaolin and mullite sand as the main raw materials.there are two kinds of rolling forming and press forming.The product has the advantages of high heat storage, high strength, easy cleaning and reusable. It is suitable for regenerative heat exchange system of industrial furnaces with gas and non-gas fuels.

2,Principle of Mullite Regenerative Ball For Hot Blast Furnace use:

many regenerative balls divide the air flow into very small streams,When the air flow passes through the regenerator, it forms a strong disorder and effectively breaks through the boundary layer on the surface of the regenerator.Because the sphere diameter is very small, the conduction radius is small, the thermal resistance is small, the density is high, and the thermal conductivity is good, the requirement of rapid reversal of heat storage can be realized.

3,Product Characteristics:

- 1) High Strength and Wear Resistance
- 2) High thermal conductivity and capacity
- 3) High efficiency of heat storage
- 4) Good thermal stability

4,Product application:

The product is especially suitable for air separation equipment of hot blast stove.

5,Product Specification: $\phi 13 \sim \phi 25 \text{mm}$

6,Index:

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ITEM	JXRQ-60
Al ₂ O ₃ %	> 60
SiO ₂ +Al ₂ O ₃ %	> 93
Fe ₂ O ₃ %	≤1.2
Heat capacity J/kg.K	> 1000
Temperature difference resistance to sudden change °C	1000
Rate of wear %	< 0.1
Mohs hardness	> 7

7.Good feedback of product use effect,the products have been exported to South Korea, Japan, Pakistan, Russia, Australia, Oman, the United States, Kenya, Mexico, Morocco and India.

8.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?

Then let's contact with jinggan company

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