

# ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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## Alumina Regenerative Ball



### 1, Product performance index of Alumina regenerative ball

ITEM	UNIT	TECHNICAL INDEX
Al <sub>2</sub> O <sub>3</sub>	%	99.20-99.60
Fe <sub>2</sub> O <sub>3</sub>	%	0.02-0.03
SiO <sub>2</sub>	%	0.08-0.09
Na <sub>2</sub> O	%	0.15-0.17
K <sub>2</sub> O	%	0.010-0.015
MgO	%	<0.1
B.D	g/cm <sup>3</sup>	0.8-0.9
Diameter	Mm	0.2-6
Crystal form		$\alpha$ - Al <sub>2</sub> O <sub>3</sub>
Maximum service temperature	°C	1800

2, Brief introduction: the industrial alumina with more than 98% Al<sub>2</sub>O<sub>3</sub> is melted in electric arc furnace, and the temperature of liquid material is 2200-2300 °C, Blow the liquid away with compressed air, The air is wrapped in the air by the blown Al<sub>2</sub>O<sub>3</sub> liquid. After cooling and solidification, the alumina hollow ball is formed. After collecting the blown ball, the finished product is obtained through sorting and screening. The crystal form of the product is  $\alpha$  - Al<sub>2</sub>O<sub>3</sub> microcrystal, with low impurity content, low density, low thermal conductivity and high mechanical strength. It is several times of that of ordinary light products, and the maximum service temperature is 1800 °C. The product is a kind of refractory with high temperature resistance and excellent energy saving effect, with energy saving up to more than 40.

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The product can be used for high temperature, ultra-high temperature insulation filler.

3,Characteristics of Alumina Regenerative Ball:

1) The purity of the product is high,  $Al_2O_3\%$  is 99.20-99.60, the impurity content is very low, and the pollution degree of the product is very small

2) The thermal conductivity is low, and the energy saving effect is good, and the energy saving reaches more than 40%

3) The crystal form is  $\alpha$  -  $Al_2O_3$ , the high temperature performance is quite stable, and the maximum service temperature is 1800 °C

4) Corrosion resistance, erosion resistance, thermal shock stability, long service life

4,Application: petrochemical industry gasifier, carbon black industrial reaction furnace, metallurgical industry electric furnace, gem production filler, etc

5,Good feedback of product use effect,the products have been exported to South Korea, Japan,Pakistan

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 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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