

# ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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## Magnesia Alumina Refractory Ball



1.Introduction: Magnesia alumina refractory ball refers to the basic refractory ball with 85% MgO, Al<sub>2</sub>O<sub>3</sub> 5-10%, Cr<sub>2</sub>O<sub>3</sub> ≤ 2.5% and main mineral composition of periclase and main crystal phase of magnesia alumina spinel.The product is resistant to high temperature, heat wave and erosion, especially Fe<sub>2</sub>O<sub>3</sub>.

2. Features of Magnesia alumina refractory ball:

- 1) High mechanical strength
- 2) Strong corrosion resistance, especially alkali slag corrosion resistance
- 3) Good thermal shock stability
- 4) High temperature resistance, better than high aluminum fireball
- 5) Non stick ball

3.Application of Magnesia alumina refractory ball: mainly used in the upper section of ball bed of ball or hot blast furnace

4. Specification:φ50~90mm

5.Main performance parameters

| ITEM<br>MLQ-85                 | UNIT              | TECHNICAL INDEX |
|--------------------------------|-------------------|-----------------|
| MgO                            | %                 | ≥85             |
| Al <sub>2</sub> O <sub>3</sub> | %                 | 5-10            |
| Porosity                       | %                 | ≤19             |
| Density                        | g/cm <sup>3</sup> | 2.9-3.05        |
| Compressive strength           | Mpa               | ≥180            |

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|                                             |       |               |
|---------------------------------------------|-------|---------------|
| Thermal shock stability<br>950℃,air cooling | times | ≥25           |
| Refractoriness under load                   | ℃     | ≥1550         |
| Reheating linear change rate                | %     | 1500℃*3h,±0.2 |

6.Good feedback of product use effect,the products have been exported to Brazil, Morocco and Iran.

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?**

**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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