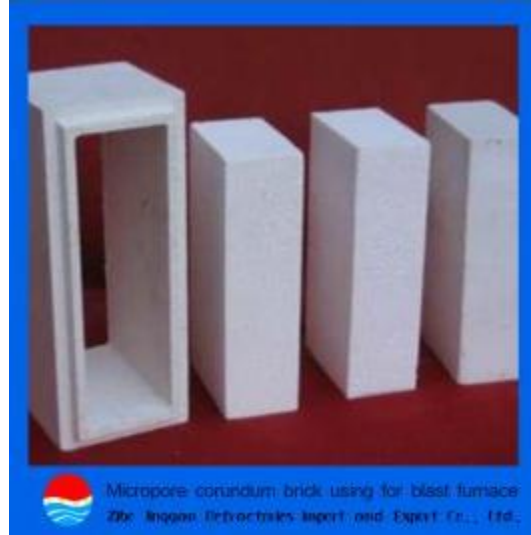


ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Micropore Corundum Brick Using For Blast Furnace



1, Physical and chemical properties of products

ITEM		Mcb-1	Mcb-2
Al ₂ O ₃	%	≥78	≥80
Fe ₂ O ₃	%	≤1.0	≤1.0
Porosity	%	≤16	≤14
B.D	%	≥3.10	≥3.20
Compressive strength	Mpa	≥100	≥120
Air permeability	md	≤2.00	≤1.00
Molten iron dissolution index	%	≤1.5	≤1.0
Average pore size	μ	≤0.5	≤0.3
≤1μm Pore volum		≥70	≥75

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e	%		
Thermal conductivity	600°C	w/m.k	≤3.5
Alkali resistance			Excellent, no crack, strength reduction rate ≤ 10%
Slag erosion rate		%	≤10
			≤6

2. Description: Micropore Corundum Brick Using For Blast Furnace is made of fused corundum as the main raw material, adding special additives, phenolic resin as the binder, adopting special micro pore production process, molding, high temperature firing, and machine finishing. The size of the product is accurate, the gap of the masonry brick is small, and the product is far superior to the brown corundum casting block product of France in three aspects of alkali resistance, slag erosion resistance and micro porosity. It is used in large and medium-sized blast furnaces such as Wuhan Iron and steel company, Benxi iron and steel company, Handan Iron and steel company in China, with remarkable results, greatly reducing the production cost of iron and steel enterprises.

3. Features of Micropore Corundum Brick Using For Blast Furnace:

- 1) high purity, low impurity content, $Fe_2O_3 \leq 1.0\%$
- 2) Low apparent porosity, high density, porosity $\leq 16\%$
- 3) Good corrosion resistance of molten iron
- 4) Good alkali resistance
- 5) Low slag erosion resistance
- 6) Large amount of micropores, $\leq 1\mu m$ hole $\geq 70\%$

4. Application of Micropore Corundum Brick Using For Blast Furnace: blast furnace ceramic cup, slag mouth, tuyere, and other industrial of furnace requiring corrosion resistance, wear resistance and alkali resistance

5. Good feedback of product use effect, the products have been exported to Japan, Pakistan, Oman, the United States, and India.

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?

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Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

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