

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Tabular Corundum Powder



1. Description of Tabular Corundum Powder: tabular corundum is a kind of pure sintered corundum without additives. The calcination temperature is as high as 1900–2200℃, and the product is a well-developed α - Al₂O₃ crystal structure. Plate like crystal under microscope, there are a lot of round closed pores in the crystal, the pore size is small, and the porosity is equivalent to that of fused corundum.

2. Technical index of tabular corundum powder

ITEM		Calcined tabular corundum powder
Al ₂ O ₃	%	≥99.2
SiO ₂	%	≤0.02
Fe ₂ O ₃	%	≤0.005
Na ₂ O	%	<0.35
Apparent porosity	%	≤3.0
Water absorption	%	≤1.0
Density	g/cm ³	≥3.52
Particle size		75um 45um 0-1mm 1-3mm 3-5mm 5-10mm

3. Product features

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- 1) good volume stability at medium and high temperature, with minimal reborn shrinkage
- 2) the bulk density is up to 3.68g/cm³, the apparent porosity is less than 3%, and the water absorption is less than 0.8%.
- 3) high purity, superior creep resistance and peeling resistance
- 4) high mechanical strength and good wear resistance
- 5) superior acid and alkali resistance

4.Application of Tabular Corundum Powder

As the high temperature sintered tabular corundum products have superior characteristics in various aspects, it is widely used in the production of refractory products, such as the addition of high aluminum amorphous refractory, the addition of aluminum carbon refractory brick, spinel brick, magnesium aluminum carbon brick, in order to improve the good thermal shock resistance and bending strength of the products at high temperature. The products are widely used in steel, casting, ceramics and other industries.

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

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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