

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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High Alumina Ceramic Fiber Board



1,Index of High Alumina Ceramic Fiber Board:

Item	JST-HY602	JHP-HY603	JHA-HY604
Al ₂ O ₃ %	46	47-49	52-55
Al ₂ O ₃ +SiO ₂ %	97	99	99
Na ₂ O+K ₂ O %	1.0	0.2	0.2
Classification temperature °C	1260	1260	1400
Working temperature °C	1000	1100	1260
Bulk density kg/m ³	280-350	280-350	280-350
Permanent linear change % (220KG/m ³)	1000°C×24h —3	1100°C×24h —3	1260°C×24h —3
Thermal conductivity W/M·K (260KG/m ³)	400°C 0.085 800°C 0.132 1000°C 0.180	400°C 0.085 800°C 0.132 1000°C 0.180	400°C 0.085 800°C 0.132 1000°C 0.180
Crushing Strength Mpa (Compress thickness 10%)	0.5	0.5	0.5

2. Characteristics of High Alumina Ceramic Fiber Board

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- 1) Low thermal capacity, low thermal conductivity
- 2) High compressive strength and good toughness
- 3) Precise size and good smoothness
- 4) Homogeneous structure, easy to machine and install
- 5) Excellent thermal shock resistance

3. Scope of application of High Alumina Ceramic Fiber Board

- 1) Thermal insulation of cement kiln
- 2) Thermal insulation of ceramic kiln
- 3) Thermal insulation of petrochemical and metallurgical industrial kilns
- 4) Thermal insulation of glass kiln
- 5) Heat insulation of industrial furnace for aluminium smelting
- 6) Thermal Insulation of Heat Treatment Furnace

4. Production process of products

- 1)Preparing slurry:the ceramics fibre cotton, filler and binder are mixed evenly to make qualified slurry.
- 2)pick up the suction:make vacuum pump to let slurry vacuum extraction and draw out excess water
- 3) Compression forming: Press out water to reduce thickness and increase capacity.
- 4) Drying: Put the compressed slab into the drying equipment to dry and remove moisture.
- 5) Machining: Processing the dried slab into products of various specifications

5,High Alumina Ceramic Fiber Board Classification:

According to the working temperature of the product, it can be divided into three categories,JST-HY602,JSP-HY603,JHA-HY604,the working temperatures are respectively1000℃,1100℃,1260℃

6,There is no asbestos in the product.It is non-toxic, tasteless and harmless. It has no harmful effect on human body and environment.

7.Good feedback of product use effect,the products have been exported to South Korea, Morocco and India.

8.The manufacturer is a professional manufacturer and can provide complete product index test reports or third-party test reports.

Do you want to find a professional supplier of refractory products?

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

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Then let's contact with jinggan company

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