

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Thermal Insulation Ceramic Fibre Blanket



1,Knowledge of Thermal Insulation Ceramic Fibre Blanket:

With coke gemstone and bauxite as the main raw materials, after melting at high temperature in electric furnace, then by injection and throwing method, the products become fibers, add binder, after cooling, drying, moulding, and become qualified fibre blanket products.

2,Classification of Thermal Insulation Ceramic Fibre Blanket:

According to the use temperature, it can be divided into three categories:1000℃,1100℃,1260℃according to the density, it can be divided into three categories:100kg/m³, 128kg/m³ and 160kg/m³.

3,Index of Thermal Insulation Ceramic Fibre Blanket

Item	JST-HY302	JHP-HY303	JHA-HY304
Al ₂ O ₃ %	46	47-49	52-55
Al ₂ O ₃ +SiO ₂ %	97	99	99
Fe ₂ O ₃ %	0.5	0.2	0.2
Na ₂ O+K ₂ O %	0.5	0.2	0.2
Classification temperature °C	1260	1260	1400
Working temperature °C	1000	1100	1260

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Permanent linear change % (128KG/m3)	1000℃×24h —3	1100℃×24h —3	1260℃×24h —3
Thermal conductivity W/M·K (128KG/m3)	400℃ 0.09 800℃ 0.16 1000℃ 0.20	400℃ 0.09 800℃ 0.16 1000℃ 0.20	600℃ 0.12 1000℃ 0.20
Tensile strength Mpa (128KG/m3)	0.04	0.04	0.04
Bulk density kg/m3	96,128,160	96,128,160	128,160

4,Product Specification:

The width of 610mm is generally fixed, and the length of the product can be chosen at will, the thickness of the product is generally 10 mm, 20 mm, 25 mm and 50mm.

5,Product features:

- 1) Asbestos-free products, tasteless, non-toxic, harmless
- 2) The product is pure white with less impurities and no pollution.
- 3) The product has low thermal conductivity and good thermal insulation performance.
- 4) The product can be cut and used at will, and the construction is convenient.

6,Application of the product:

The working temperature range is 1000℃~1260℃, It is used for different insulation parts of industrial furnaces.

7. Good feedback of product use effect, the products have been exported to Australia, Mexico, and India.

8. 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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