

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Penetration Resistance Brick For Electrolytic Aluminium



1,Description of Penetration Resistance Brick For Electrolytic Aluminium:

With aluminium silicate mineral and bauxite as main raw materials adding a certain amount of additives and binders, the penetration resistance brick can be used as barrier layer of aluminium electrolysis cell. 2), The product has the characteristics of high density, high strength, good heat preservation performance and good permeability resistance. 3), 0.5% admixture and 5% high-quality clay in product ingredients can improve the strength and impermeability of the product.

2,Index of Penetration Resistance Brick For Electrolytic Aluminium:

Item	Penetration resistance brick
SiO ₂ %	≥70%
Fe ₂ O ₃ %	≤2%
Al ₂ O ₃	≤25%
Refractoriness	1600℃
Linear change after reheating	1280℃, 2h +0.1/-0.4
Apparent porosity	≤18%

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Cold crushing strength	≥35Mpa
Unit weight 230*114*65mm	3.50 KG/PCS
Bulk density	2.05g/cm ³

3,The main raw materials used in the product are pyrophyllite, bauxite, high-quality clay, calciner and binder.

4,Application parts of products: Aluminum electrolytic cells are generally composed of graphite or silicon carbide working layer, aluminosilicate barrier layer and thermal insulation layer. Anti-permeability brick is the barrier layer, which prevents Na and NaF from penetrating into the thermal insulation layer further.

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

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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