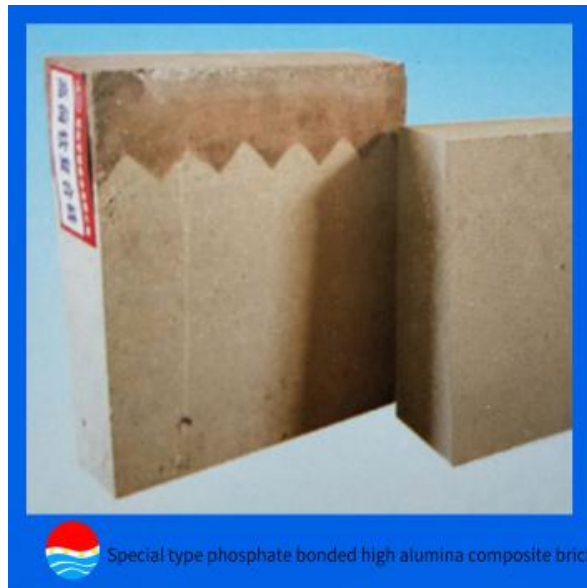


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Special type phosphate bonded high alumina composite brick



1,Product main performance parameters

Item	Unit	TP-1	TP-11	Insulation layer
Al ₂ O ₃	%	≥77	≥70	≥35
Fe ₂ O ₃	%	≤2.0	≤2.5	-
Density	g/cm ³	≥2.80	≥2.70	≤1.9
C.C.S	Mpa	≥80	≥70	≥25
Refractoriness under load	T0.6, °C	≥1400	≥1370	-
Thermal shock stability	1100°C, water cooling, times	>12	>12	-
Refractoriness	°C	1790	1790	1660

2 ,Product Description:

The main raw materials used in the product are calcined bauxite clinker, mullite, kyanite, aluminum dihydrogen phosphate, which are made by reasonable scientific proportioning, mixing, high tonnage brick press molding, and then baking at 500-700 °C. The products are divided into wear-resistant layer and light insulation layer. The wear-resistant layer has the characteristics of high temperature resistance, good wear resistance, good thermal shock resistance and stability. The light insulation

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layer has the characteristics of low thermal conductivity and thermal insulation. After using the composite brick product, it not only meets the requirements of refractory lining of kiln, but also has the effect of heat preservation, reducing the surface temperature of kiln shell, reducing the fuel consumption, and effectively improving the energy saving effect.

3.Application: widely used in lime rotary kiln, vertical lime kiln, cement kiln, magnesium rotary kiln, etc

4.Main characteristics:

1) The product is a composite structure of heavy layer and light layer, which has good high temperature performance and good thermal insulation performance

2) The heavy layer of the product has high strength, good wear resistance and spalling resistance. The light layer of the product has low thermal conductivity and good thermal insulation performance

5,Good feedback of product use effect,the products have been exported to South Korea, Oman,Pakistan

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 Special type phosphate bonded high alumina composite brick?

Do you want to find a stable and credible supplier?

Then please contact with us

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