



Oreworld trade (Tangshan) co., Ltd.

## **High alumina insulation bricks**

High alumina insulation bricks are also known as high alumina heat insulating bricks, high alumina fire bricks. It is a new type of lightweight insulating material which contains approximately 48% alumina.

### **High alumina insulation bricks Character:**

- High porosity
- Small volume density
- Good insulation effect
- High mechanical intensity
- Small Thermal conductivity
- Long Service life

### **High alumina insulation Bricks Application:**

It is widely used in lining or insulating layers of various industrial furnaces, and kilns in petrochemical, machinery, ceramic industry, such as lining and insulating layer of high temperature kilns, carbon black stove, hydrogen manufacturing furnace and shuttle kiln, etc.

### **High alumina insulation bricks Technical data**

We offer bulk density from 0.6~1.3g/cm<sup>3</sup>. Compressive strength is from 3.0~8.0Mpa. Working temperature is 1350~1450°C. Thermal conductivity is 0.3~0.6 w/m.k at 350°C±25°C.