

# 高铝矾土骨料 铝矾土熟料 铝矾土细粉

产品名称	高铝矾土骨料 铝矾土熟料 铝矾土细粉
公司名称	温县宏发活性炭水处理有限公司
价格	面议
规格参数	耐火温度:2000 以上 ( ) 产地:河南.15 品牌:宏发
公司地址	温县北冷乡 工业政府工业区
联系电话	0086-037160268806 15938733855

## 产品详情

高铝矾土骨料 铝矾土熟料 铝矾土细粉

铝矾土又称矾土或铝土矿高铝矾土骨料 铝矾土熟料 铝矾土细粉，主要成分是氧化铝，系含有杂质的水合氧化铝，是一种土状矿物。白色或灰白色，因含铁而呈褐黄或浅红色。密度 $3.9 \sim 4g/cm^3$ ，硬度 $1 \sim 3$ ，不透明，质脆。极难熔化。不溶于水，能溶于硫酸、氢氧化钠溶液。主要用于炼铝，制耐火材料。

高铝矾土骨料 铝矾土熟料 铝矾土细粉学名铝土矿、铝矾土。其组成成分异常复杂，是多种地质来源极不相同的含水氧化铝矿石的总称。如一水软铝石、一水硬铝石和三水铝石( $Al_2O_3 \cdot 3H_2O$ )；有的是水铝石和高岭石( $2SiO_2 \cdot Al_2O_3 \cdot 2H_2O$ )相伴构成；有的以高岭石为主，且随着高岭石含量的增高，构成为一般的铝土岩或高岭石质粘土。铝土矿一般是化学风化或外生作用形成的，很少有纯矿物，总是含有一些杂质矿物，或多或少含有粘土矿物、铁矿物、钛矿物及碎屑重矿物等等。

### 用途

(1)炼铝工业。用于国防、航空、汽车、电器、化工、日常生活用品等。

(2)精密铸造。矾土熟料加工成细粉做成铸模后精铸。用于军工、航天、通讯、仪表、机械及医疗器械部门。

(3)用于耐火制品。高铝矾土熟料耐火度高达1780 ，化学稳定性强、物理性能良好。

(4)硅酸铝耐火纤维。具有重量轻，耐高温，热稳定性好，导热率低，热容小和耐机械震动等优点。用于钢铁、有色冶金、电子石油、化工宇航原子能

、国防等多种工业。

(5)以镁砂和矾土熟料为原料，加入适当结合剂，用于浇注盛钢桶整体桶衬效果甚佳。

(6)制造矾土水泥，研磨材料，陶瓷工业以及可制铝的各种化合物。

高铝矾土骨料 铝矾土熟料 铝矾土细粉理化指标

牌号	化学组成%					体积密度g/cm <sup>3</sup>	吸水率%
	al <sub>2</sub> o <sub>3</sub>	fe <sub>2</sub> o <sub>3</sub>	ti <sub>2</sub> o	cao+mgo	k <sub>2</sub> o+na <sub>2</sub> o		
gal-88	>=88	<=1.5	<=4.0	<=0.4	<=0.4	>=3.15	<=4
gal-85	>=85	<=1.8	<=4.0	<=0.4	<=0.4	>=3.10	<=4
gal-80	>=80	<=2.0	<=4.0	<=0.5	<=0.5	>=2.90	<=5
gal-70	>70--80	<=2.0	-	<=0.6	<=0.6	>=2.75	<=5
gal-60	>60--70	<=2.0	-	<=0.6	<=0.6	>=2.65	<=6
gal-50	>50--60	<=2.5	-	<=0.6	<=0.6	>=2.45	<=6

the main component of bauxite is alumina, is impurities of hydrated alumina, a kind of earthy minerals. the color is

white or off-white, usually it is yellow or light red due to iron. its density is 3.9 ~ 4g/cm<sup>3</sup>, hardness 1 ~ 3, opaque, brittle and extremely difficult to melt. it does not dissolve in water, but can dissolve in sulfuric acid, sodium hydroxide solution, mainly used in aluminum smelting and refractory materials making.

uses:

- (1) the aluminum industry. used in defense, aerospace, automotive, electrical, chemical and daily supplies.
- (2) bauxite clinker can be processed into fine powder and made into mold. used in military, aerospace, communications, instrumentation, machinery and medical equipment sectors.
- (3) used for fire-resistant products. the refractoriness of high-alumina clinker is up to 1780 , it has strong chemical stability and good physical properties.
- (4) aluminosilicate refractory fibers. with a light weight, high temperature, thermal stability, low thermal conductivity, heat capacity of small and resistance to mechanical vibration and so on. used for iron and steel, nonferrous metallurgy, electronics petroleum, chemical space, atomic energy, defense and other industries.
- (5) using magnesia clinker and bauxite as raw material, by adding the appropriate amount binder, you can get a better effect of barrel lining.
- (6) used to produce alumina cement, abrasive materials, ceramic industry, as well as a variety of aluminum compounds.

the physical and chemical indicators of bauxite clinker

brand	chemical composition%					density g/cm <sup>3</sup>	water absorption%
	al <sub>2</sub> o <sub>3</sub>	fe <sub>2</sub> o <sub>3</sub>	ti <sub>2</sub> o	cao+mgo	k <sub>2</sub> o+na <sub>2</sub> o		
gal-88	>=88	<=1.5	<=4.0	<=0.4	<=0.4	>=3.15	<=4
gal-85	>=85	<=1.8	<=4.0	<=0.4	<=0.4	>=3.10	<=4
gal-80	>=80	<=2.0	<=4.0	<=0.5	<=0.5	>=2.90	<=5
gal-70	>70—80	<=2.0	-	<=0.6	<=0.6	>=2.75	<=5
gal-60	>60—70	<=2.0	-	<=0.6	<=0.6	>=2.65	<=6
gal-50	>50—60	<=2.5	-	<=0.6	<=0.6	>=2.45	<=6

本产品的耐火温度是2000 以上（ ），产地是河南.15，品牌是宏发，产品类别是铝矾土，材质是EPS，导热系数（常温）是0.03，等级是1，低温弯折 是10，断裂伸长率是1，抗弯强度是99，抗压强度是99，拉伸强度是99，使用温度是600，撕裂强度是99，芯材是hdf，形态是微孔状，形状是表面凹凸型，规格是按要求生产（mm），属性是属性值