

SIN LOONG ANN ENGINEERING (S) PTE.LTD

1、 ROTARY KILN BAUXITE

Specifications : Al_2O_3 85%min SiO_2 8%max Fe_2O_3 1.8%max TiO_2 4%max

Bulk density : 3g or 3.1g/ccm³min

Uses : As raw materials for steel industry, refractory, electric industry abrasive and cement industry, etc. Suitable for manufacturing high alumina refractory bricks and other refractory products.

2、 FLINT CLAY

Specifications: Al_2O_3 45%min Fe_2O_3 2%max

Uses: As raw materials for refractory industry in manufacturing refractory bricks and other refractory materials.

3、 MULLITE

Specifications: Fe_2O_3 1.2%max Al_2O_3 42%min SiO_2 55%max

Bulk density: 2.4min

Uses: Mainly used as amorphous refractory materials

4、 WHITE FUSED ALUMINA

Specifications: Fe_2O_3 0.3%max Al_2O_3 99%min Na_2O 0.5%max

Uses: Mainly used as high-grade refractory materials.

5、 CRYSTALLINE FLAKE GRAPHITE

Specifications: F.C. (Carbon content) 75%-99%

Uses: As raw materials for refractory, crucible powder metal, battery, gasket and other industries such as machinery, electrical equipments, chemical and light industries, etc.

6、BENTONITE IN POWER

Specifications: SiO_2 68%min Al_2O_3 19%min Fe_2O_3 2.5%max

Uses : Possessing excellent stickiness and fireproofness, use as bond and regulator in the moulding of ferrous and non-ferrous metals, and in ceramic oil-refining and oil-drilling industries.

7、FELDSPAR IN POWDER

Specifications : K_2O 12%min Fe_2O_3 0.2%max K_2O 9%min
 Fe_2O_3 0.5%max

Uses : For manufacture of ceramics, porcelain, enamel and detergent material.

8、WOLLASTONITE IN POWDER

Specifications: SiO_2 49%min CaO 46%min Fe_2O_3 0.2%max

Uses: Used in ceramic, rubber and plastic industries.

9、MICA POWDER

Specifications: 20mesh 85% through 60mesh 85% through
80mesh 85% through

Uses: Used for decorative plastering, electrical insulation, coating of welding electrodes, filler of plastics, asphalt roofing products, rubber products etc.

10、KAOLIN

Specifications: Al_2O_3 35%min SiO_2 60%min Fe_2O_3 0.4%max

Uses: For ceramics, glass, paper-making and chemical industries.

11、HIGH ALUMINA CEMENT

Specifications: Al_2O_3 53-55% Fe_2O_3 3%max
 CaO 32-35% SiO_2 7%max

Uses: For building and construction.

12、SHAFT KILN BAUXITE

Specifications: Al_2O_3 85%min. 60% min. 80%min. 55%min 75%min 50%min
70%min 45%min Fe_2O_3 1.8%max

Bulk Density: 3.1g/cc min. (For Al_2O_3 85%min. grade)
3g/cc min. (For Al_2O_3 80%min. grade)

Uses: As raw material for steel, refractory, electric and cement industries, etc,
Suitable for manufacture of high alumina bricks and other refractory products.

13、DEAD BURNED MAGNESITE

Specifications: MGO 95%min 90%min 87%min 85%min
 SiO_2 4-5%

Uses : Used in production of metallurgical powder to cement the wall and floor of furnace, and in mudform, to be sprayed on the lining of furnace; as raw materials for magnesia bricks and chrome —magnesia bricks as well as other uses .

15、AMORPHOUS GRAPHITE

Specifications: Fixed Carbon 87%min 85%min 80%min 75%min.

Uses : For making dry — cells, castings, electrodes, rustproof paints, lubricants, pencils and asrefractory materials.

16、ANDALUSITE

Specifications: Al_2O_3 55%min 50%min
 SiO_2 40%min Fe_2O_3 2.5%max

Uses : As high quality refractory materials for making fire bricks,etc.

17、CYANITE

Specifications: Al_2O_3 60min 55%min SiO_2 39%min 42%min
 Fe_2O_3 0.5%max

Uses: As high quality refractory materials for fefinery and glass industries as well as raw materials forspecial high alumina ceramics and silicon alumina alloys.

18、PYROPHYLLITE

Specifications: SiO_2 60%、66%、21%、15%approx
 Al_2O_3 30%、26%、0.4% 0.4%approx
 Fe_2O_3 0.4% 0.4%approx.

Uses: As refractory materials , diluent in insecticides and as filler in hard gum products such as battery cases, etc. As ceramic and building raw materials and filler in rubber, paper and paint making.

19、BROWN FUSED ALUMINA

Specifications : Fe_2O_3 0.5%max Al_2O_3 95%min SiO_2 1.5%max
Bulk density: 3.85min

Uses: Mainly used as grinding and refractory materials.

20、TABULAR ALUMINA

Specifications: Fe_2O_3 0.2%max Al_2O_3 99%min SiO_2 0.3%max

Uses: Mainly used as high-grade refractory materials.

21、DEAD BURNED MAGNESIA

Specifications: Fe_2O_3 1%max MGO :97%min SiO_2 : 0.8%max
 CAO :1.2%max LOI :0.3%max B.D.:3.45min

For high temperature electrical insulating materials and the production of high-grade magnesia brick, magnesia carbon bricks and unshaped refractory materials.

22、BLACK SILICON CARBIDE

Specifications: Fe_2O_3 1.2%max F.C:0.5%MAX SiC :97%MIN

Uses: Mainly used as abrasives, grinding wheel and high-grade refractory materials.