

# FAIRGROWTH IMPEX PVT. LTD.





We are one of the Bauxite Manufacturers and Suppliers in India & Worldwide Countries. Our Bauxite is high in quality and can be supplied in large quantities, as per the demands. Bauxite is claylike and earthy and is obtainable in white to deep brown or red color. The Bauxite provided by us is stringently tested on varied quality parameters, in order to meet the industrial standards. Furthermore, the clients can obtain the quality-tested Bauxite, at industry leading prices from us.

#### Grade Available As Per Their Application

- Refractory Grade for metallurgical use
  - Mineralogical character of bauxite has a bearing on its digestion in caustic soda. If monohydrate, high temperature and higher concentration of soda is necessary while the trihydrate variety is digested at low temperature and lower concentrates. Metallurgical Grade Bauxite composition offered by us:  $\text{Al}_2\text{O}_3$  more than 44% and up to 55% and  $\text{SiO}_2$  4% (max.)

#### Abrasive Use

- When bauxite is fused in an electric furnace, synthetic corundum is formed which is used in making of grinding wheels, rubbing bricks, and polishing powers. Abrasive Grade Bauxite Composition offered by us:  $\text{Al}_2\text{O}_3$  50% (min.)  $\text{SiO}_2$  4% (max.)

#### Chemical and Petroleum Industries

- For use in chemical industry bauxite should have high alumina and low iron content. Iron causes setting difficulties and imparts coloring effects. Chemical Grade Bauxite composition offered by us:  $\text{Al}_2\text{O}_3$  58% (min.),  $\text{Fe}_2\text{O}_3$  2.5% (max.)
- Steel and Cement Industry use Bauxite should have  $\text{Al}_2\text{O}_3$  40%  $\text{SiO}_2$  5% and  $\text{Fe}_2\text{O}_3$  30 - 40% bauxite for use in cement industry. In the steel industry metallurgical grade bauxite is used as a flux as partial replacement of fluorspar. Cement and Steel Grade Bauxite composition offered by us:  $\text{Al}_2\text{O}_3$  - 40%,  $\text{SiO}_2$  + 5% and  $\text{Fe}_2\text{O}_3$  30 - 40%.



## Product Specifications

- Type
  - Raw
  - Calcined

### Sizes

- Lumps
- Powder
- Grains

## Used In

- Refractory
- Ferric Alum
- Aluminum Plants
- Abrasives
- Chemicals



### ➤ Raw Bauxite

- 1) Grade ( $\text{Al}_2\text{O}_3$  : 46.00 – 48.00%)
- 2) Grade ( $\text{Al}_2\text{O}_3$  : 42.00 – 45.00%)

### ➤ Calcined Bauxite

- 1) General Grade ( $\text{Al}_2\text{O}_3$ : 80-82%,  $\text{Fe}_2\text{O}_3$  : 3.5-4.5%)
- 2) Low Ferric Grade ( $\text{Al}_2\text{O}_3$ : 83-85%,  $\text{Fe}_2\text{O}_3$  : 2.5-3.0%)
- 3) Abrasive Grade ( $\text{Al}_2\text{O}_3$ : 82-85%,  $\text{Fe}_2\text{O}_3$  : 3.8-4.6%)



# CONTACT US



Regd. Office :

502,Corporate Levels, Ayodha Circle,  
150 Feet Ring Road, Rajkot-360004. (Gujarat - India)

Mobile :

+91 - 9558118888

E-Mail :

[fairgrowthimpex@gmail.com](mailto:fairgrowthimpex@gmail.com)