



Balaji Minechem
SALT AND MINERALS
An ISO 9001 : 2015 Certified Company



COMPANY PROFILE





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Balaji Minechem is highest & biggest Manufacturer & Exporter of Silica Sand, Calcined Kaolin Powder, Hydrous Kaolin Powder, Foundry Sand and China Clay. In Brief, We are the largest manufacturing company in the area. Possession of own huge mines, latest machinery/technology lead it on the growth track the cost reduction land cost controls the techniques resulted in improved bottom lines of the Company. We are committed towards high quality products to all our clients; thereby we have adopted a rigorous quality policy in our manufacturing unit.

With our state of art manufacturing unit we are capable of providing customized processed China clay to customer's specification in quality and delivery schedules they want. We possess one of the finest infrastructure and boast of our Hi tech instrumentation. We possess excellent knowledge and vast experience in the mining field as we have been working in the mining of China Clay and Silica Sand since A Long Time. Balaji Minechem was established with the sound backing of ownership of mining areas rich in China Clay deposits in the prime locations. We supply China Clay and Silica Sand all over India.

Balaji Minechem was founded on the principles of honesty, integrity, fair dealings and full compliance with all laws affecting the Company's global business. Balaji Minechem is a worldwide leader in the production and marketing of kaolin and Silica Sand, and we have vast mining area with good deposit of kaolin and silica sand in our land. Its products are sold throughout the world for industrial, agricultural and construction related applications.

At Balaji Minechem, we have always been committed to run our business in a socially responsible manner paying attention to our employees' quality of life and well-being. The full respect of human and workers' rights are vital values which have been our companion since the establishment of the company. At all our sites, we have put into practice a production and business model in line with Environment, Health and Safety (EHS) standards. We have nine washing plants facilities near by our mines, four silica processing plants and micronizing kaolin and silica sand plant with more value addition to our product.





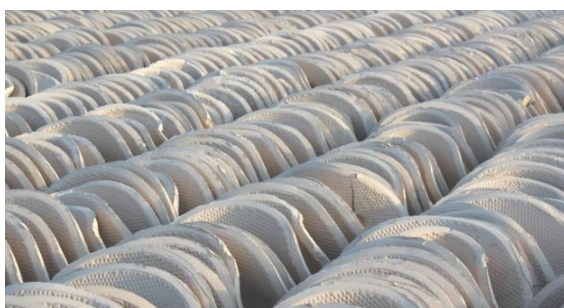
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Crude China Clay



Levigated China Clay

We are the topmost suppliers of Crude China Clay in Indian Market. We have very good quality of material in our mines with perfect chemical and physical property. We have highest natural whiteness material in our mines and proper gradation during mining activity (We never compromise in quality).

Mainly, we process Crude China Clay in our washing plant to make levigated china clay or industrial clay.

We have nine washing plant with huge production capacity nearby mining area. We have rich experience in processing minerals. We have perfect washing system which is capable of removing all the impurities.

We have differentiated material by their whiteness and chemical- physical property. 80% Levigate China Clay is supplied in the ceramic market.

1) ISWL-92 : ISWL-92 is our premium grade of china clay with maximum natural brightness, fine material with impurities and snow white colour. We provide in noodle form.

2) ISWL-90 : ISWL-90 is our second grade of china clay, with 2% lower brightness than first grade. Appearance is in white colour.

3) ISWL-85: ISWL-85 is our third grade of china clay, with little Creamish in color.

4) IRL: IRL is our most running grade in china clay. It is slight pinkish in colour with high plasticity. It is mainly used in ceramic body. It has good shrinkage and casting rate. The main point is that it has low cost product with high alumina percentage.

APPLICATION:-

Major application of levigated china clay is in ceramic market since last 30 year. Levigated china clay has been adopted by following industries :

- ☐ Sanitary Ware Body
- ☐ Ceramic Engope & Glaze
- ☐ Vitrified Body
- ☐ Wall, Floor, and Sanitary Ware Glaze
- ☐ As a refractory raw material
- ☐ Insulator LT & HT
- ☐ Bone China, Crockery, Porcelain
- ☐ Tableware and stoneware



SPECIFICATIONS: - Lavigated China Clay

Parameters	1SWL - 92 Result (%)	1SWL - 90 Result (%)	1SWL - 85 Result (%)	1RL Result (%)
Loss on Ignihon	13.80	13.86	12.80	12.24
Silica as SiO ₂	43.03	42.03	45.70	47.53
Alumina as Al ₂ O ₃	39.37	39.50	36.80	34.74
Iron as Fe ₂ O ₃	0.36	0.89	0.94	1.26
Titania as TiO ₂	0.78	0.94	1.08	1.32
Calcium as CaO	0.56	0.56	0.56	0.56
Magnesium as MgO	0.81	1.01	1.00	1.00
Sodium as Na ₂ O	0.27	0.30	0.28	0.29
Potassium as K ₂ O	Less than .10	Less than .10	Less than .10	0.14
Fired Color > Lab (At 1210°C60 Min)	L*94.83 A*0.46 B*3.10	L*92.63 A*0.91 B*3.05	L*90.88 A*0.96 B*3.60	L*85.67 A*1.74 B*6.33
Whiteness	87.50%	83.49%	80.00%	68.20%



Hydrous Kaolin Powder

Balaji Minechem has micronized plant to produce very fine powder. Hydrous China clay is used as extender and additives in the coatings. It is also used in plastic, rubber, wire, cable, paint, paper and ceramic industries. It has light weight and low bulk density. It has low microns and particle size distributors. Mainly, it is widely used as filler. Balaji Minechem manufactures all the above grades and also customized products as per customer's specification.



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Silica Sand

Introduction Silica is the name given to a group of minerals composed of silicon and oxygen, the two most abundant elements in the earth's crust. Silica is found commonly in the crystalline state and rarely in an amorphous state. It is composed of one atom of silicon and two atoms of oxygen resulting in the chemical formula SiO_2 . Sand consists of small grains or particles of mineral and rock fragments. We have high technology in silica washing plants. We have both wet and dry process in our plants.

Also we have proper sizing and diamagnetic system. We have high gross magnet in our plant to remove iron. We also maintain AFS system to produce foundry sand. Our silica sand colour is pure white and world's best suitable raw material for glass industries.

APPLICATION:-

- Water Filtration
- Pool Filter
- Sand Blasting
- Spot Blasting
- Polymer Concrete
- Horse Racing Tracks
- Tile Adhesive
- Paint Fillers
- Industrial Floor Coating
- Waterproofing
- Golf Courses
- Boreholes
- Foundry
- Glass
- Artificial Grass
- Playpen

SPECIFICATIONS:-

Parameters	Grade	Grade	Grade
	Premium	Super	Regular
SiO ₂	99.25 % Min	98 % Min	98.5 % Min
Al ₂ O ₃	< 0.4 %	< 1.25 %	< 0.6 %
Fe ₂ O ₃	< 0.0018 %, < 180 PPM	< 0.030 %, < 300 PPM	< 0.060 %, < 600 PPM
CaO	< 0.15 %	< 0.15 %	< 0.15 %
Moisture	< 1 %	< 1 %	6-8 %
Process	Wet + Dry	Dry	Wet
Grain Size	As Per Requirement	As Per Requirement	As Per Requirement
Packing	Loose / 50 Kg / Jumbo Bags	Loose / 50 Kg / Jumbo Bags	Loose / 50 Kg / Jumbo Bags



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Calcined Kaolin Powder

Being a well-reckoned Manufacturer, Exporter & Supplier, we are making available qualitative and cost effective Calcined Kaolin Powder in the global market. The advanced and modern processing techniques ensure consistent quality, low specific gravity, good whiteness and freedom from impurities at pocket friendly costs. We make due consideration on its packaging so that moisture free content reaches the buyers.

More about Calcined Kaolin Powder:

Calcined Kaolin Powder is an anhydrous aluminium silicate produced by heating hydrous china clay after water washing to high temperatures in a rotary kiln. The calcination process gives an increase in the original hardness of kaolin and alters the morphology of the kaolin particles completely. When calcination process is done at around 700 degree Celsius, the dehydrogenate of the kaolin is complete, forming a partially crystalline Meta kaolin. Fully Calcined Kaolin products with an amorphous structure are formed around 1000 degree celsius.

Fully Calcined Kaolin's Powder can be surface modified with functionalized coupling agent Silane to give a particle coating capable of chemically bonding with the polymer. After surface treatment, the dispersion of filler is also improved. In view of the reduced surface activity, calcined kaolin's give good reinforcement and permanent set properties, at the same time maintaining very good processing conditions.

APPLICATIONS:-

- ✓ Rubber & PVC Cable Insulation
- ✓ Paints & Pigments
- ✓ Paper & Boards
- ✓ Printing Inks
- ✓ Ultramarine Blue
- ✓ Pharmaceutical Seals & Gaskets
- ✓ Rubber Hoses Rubber
- ✓ Footwear Speciality
- ✓ Plastic Films
- ✓ Engineering Thermoplastics
- ✓ Thermosetting Plastics

FEATURES:-

- ✓ Free From Impurities
- ✓ Unique Particle Size
- ✓ Lower Finish Costs
- ✓ Improving Brightness and Opacity
- ✓ Low Bulk Density
- ✓ Very Good Process Ability



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VISION

Balaji Minechem believes in sustainable development. Minerals are required to build the modern civilization, but we ensure that we repair the ground which we disturbed for the extraction. We fulfil the need of society but not at the cost of destroying the earth.

MISSION

To provide the raw materials at a competitive price that meets customer's need matched with our capacity to produce and distribute them. Since we provide the raw material at competitive price the final product can also be cost efficient, hence creating value for stakeholders



We're Committed For

- ☐ Superior Quality On
- ☐ Time Delivery
- ☐ Competitive Price
- ☐ After Sale Service
- ☐ Good Business Relationships

Our Values

- ☐ A Safe Working Environment For Employees
- ☐ Integrity And Honesty
- ☐ Mutual Respect And Trust With Our Customers
- ☐ Continuous Improvement, Development And Learning
- ☐ Innovations And New Ideas
- ☐ Respect Towards Environment

For Any Company To Reach To The Pinnacle Of Success, Certain Values And Ethics Must Be Followed



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WHY CHOOSE US?

We are a well-known company engaged in offering a high quality range of Kaolin Clay, Silica Sand. Factors that enable us to successfully uphold an edge over our competitors are as follows:



- ☐ State-of-the-art infrastructure
- ☐ Highly experienced professionals
- ☐ Customized Packaging
- ☐ Client Centric Approach
- ☐ Ethical Business Practices
- ☐ Easy Payment Mode
- ☐ Timely Delivery
- ☐ Market leading Price

CONTACT DETAILS

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