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**JK GROUP**

MANUFACTURING & EXPORTING  
MINERALS & METALS

OVER 40 YEARS OF  
EXPERIENCE IN  
**MINERALS & METALS.**



JK Minerals is a highly reputed company that supplies raw minerals, processed minerals and synthetic minerals that are used in different industries, mostly as fillers or extenders. Our expertise lies in identifying the right type and variety of minerals to be used for specific applications. We have units operating in Gujarat and Rajasthan, and supply to every corner of India.

We are known for being highly quality conscious and we put our products through stringent laboratory tests to ensure that what you receive from us is best suited to your desired use. We provide the same base mineral in a range of mesh sizes, giving you the exact micron particle size that you need.

Our advisory and consulting will help you control your costs, while ensuring consistent quality in every batch. Our sourcing expertise will deliver every imaginable kind of product that you can request, within the minerals we deal in. We look forward to a working relationship with you, based on the principles of integrity, excellence, consistency and reliability.

#### Industries We Serve:

Construction Chemicals | Cosmetics | Paints  
Papers & Boards | Rubber | Plastics | Oil Well Drilling

#### Our Product Range

##### Barytes Powder/Blanc Fix

Baryte ( $BaSO_4$ ) is a mineral consisting of barium sulfate. Its most striking feature is its heaviness and low oil absorption. Its specific gravity is between 4 and 5, which is almost twice that of most common industrial minerals.



##### Calcined China Clay

Calcined China Clay refers to treatment of a heating China Clay at a very high temperature such as 800 to 1100 degrees centigrade. Intense heating of kaolin clay drives off water of hydration and yields a bright, anhydrous clay product in which individual platelets of the mineral are fused together.

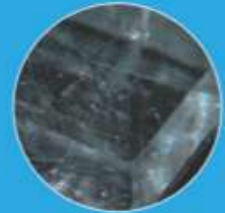


##### China Clay/ Kaoline Clay

China Clay is Hydrated Aluminium Silicate containing  $Al_2O_3 \cdot 2SiO_2 \cdot 2H_2O$ . It is formed by natural Kaolinisation process and is widely used as a filler in many industries.

##### Calcite / Grounded Calcium Carbonate (GCC)/Activated

It is a widely used filler due to its high dispersibility, low oil absorption, high impact resistance, smooth surface finish, easy processing, compatibility with polymers and excellent dimensional stability.



##### Dolomite Powder

Dolomite is an anhydrous carbonate mineral composed of calcium magnesium carbonate, ideally  $CaMg(CO_3)_2$ . The term 'dolomite' is also used for a sedimentary carbonate rock composed mostly of the mineral dolomite.

##### Mica & Calcined Mica

Calcined mica flakes or powder are produced by calcining Mica at 850 degree celsius by K-Oil treatment method. It is used in the manufacture of pearlescent pigment, mica paper and mica tape due to its high tensile strength and dielectric properties.



#### Talc / Soapstone Powder

Soapstone is a type of metamorphic rock that is rich in magnesium. It is an important ingredient in rubber, a filler and whitener in paint and a primary ingredient in most cosmetics.



#### Whiting Powder/ White Whiting Powder

Whiting Powder is a very fine white powder, slightly abrasive, composed mostly of calcium carbonate. It is used in metal polish, putty and whitewash, and sometimes added to paint to improve its opacity.



#### Precipitated Calcium Carbonate (PCC)

PCC is also known as purified, refined or synthetic calcium carbonate. It can be made in very small sizes, with high surface areas, high oil absorptions and even different bulks - from ultra-low to super-high powder densities.



#### Quartz - Powder /Sand

Quartz sand is the major ingredient in virtually all types of glass, such as jars, windows, mirrors, light bulbs, TV tubes, fiberglass etc.



#### Lime - Quick/Hydrated

Calcium Oxide (CaO) and Calcium Hydroxide (Ca(OH)<sub>2</sub>) are widely used chemical compounds. Quicklime neutralises the acidic oxides SiO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub> and Fe<sub>2</sub>O<sub>3</sub>, to produce a basic slag.



#### Feldspar Soda & Potash

Feldspar is by far the most abundant group of minerals in the earth's crust, forming about 60% of terrestrial rocks. Feldspars are primarily used in industrial applications for their alumina and alkali content.

#### Fly Ash

Depending upon the source and makeup of the coal being burned, the components of fly ash vary considerably, but all fly ash includes substantial amounts of silicon dioxide (SiO<sub>2</sub>), aluminium oxide (Al<sub>2</sub>O<sub>3</sub>) and calcium oxide (CaO).

