



**Khetawat**  
Earthcore Industries

Grinding Quality



**About us :**

We are glad to introduce ourselves as one of the largest suppliers of Non metallic minerals. We specialise in Quartz, Feldspar, Kaolin, Limestone, Dolomite and Ball Clay (Lumps, Granules & Powder). Having our bases in Rajasthan ( India), enables us with timely delivery of quality raw materials which is been ethically procured from quality mines. The continuous availability of consistent quality raw materials along with our ever evolving technological advancements in production accompanied with the vast experience of the industry allows us to ensure timely delivery, quality products and multiple grades availability to our buyers. Embark on a journey of excellence with our quality products from India.

**Khetawat Akshay**  
Cell No. : +91 70149 04215



**Corporate Office :**  
Shailesh Traders,  
Opposite Raymonds Showroom,  
Mahaveer Bazaar Beawar,  
Rajasthan (India)



## 1. DOLOMITE POWDER



### SPECIFICATIONS :

CaO 30-30%  
MgO 19-21%  
SiO<sub>2</sub> 0-5%  
Oil Absorption 10 - 20 ml/100g  
PH 9 - 10  
Specific Gravity 2.86  
Brightness 90 - 96 %

**USES AND APPLICATIONS :** Paints and coatings find endless opportunities to achieve various optical and mechanical properties such as Texture finish, Whiteness and Binding. This versatility is possible because of its raw materials and more prominently because of the quality of Dolomite Powder used to prepare the paint. Dolomite Powder is also used as filler in soap Manufacturing, Tile adhesives and Plastic Industries. It is used as a functional filler in Glass Rubber, PVC and animal feeds. Dolomite is also used in making construction related products, Fertilizers and Rangolis.

## 2. CALCITE POWDER



### SPECIFICATIONS :

CaO 48-56%  
MgO 2-7%  
SiO<sub>2</sub> 0-3%  
Oil Absorption 15 - 25 ml/100g  
PH 9 - 10  
Specific Gravity 2.70  
Brightness 90 - 99%  
Moisture < 0.1%

**USES AND APPLICATIONS :** Calcite Powder has its applications in PP and PVC compounding, Cable Manufacturing, Paper making Industries, Profiles, Laminates and paint industries. It is not only used as a filler but also as a functional additive to provide Whiteness, Smoothness, Strength and Opacity to the final product.

### DESCRIPTION :

We offers an extensive range of standard and specialty products with different particle size and optical values. With low absorption of oil our dolomite improves the weatherability and color depth or opacity. Based on whiteness, Our Dolomite Comes in three grades - Super White (whiteness 92% -97%), Medium White(88%-92%) and Commercial Grade(80% -88%). We offer dolomite powder in a wide range of particle sizes ranging from 10 Microns to 600 Microns. The Most common grades are of particle sizes - 10 microns, 20 microns, 500 Mesh, 400 Mesh, 300 Mesh and 200 Mesh. Also Known as Marble Powder, it is a double carbonate of Calcium and Magnesium. In India, white Dolomite mainly exists in Rajasthan in the regions near Alwar and Udaipur. It is usually white in colour having pH of around 9, readily reacts with acids. The Chemical formula of Dolomite is CaMg(CO<sub>3</sub>)<sub>2</sub>. Dolomite is harder and denser than the calcite form of calcium carbonate or limestone, and is more chemically inert and more impervious to acid attack. The inherent differences between dolomite and calcite drive the applications for dolomite. Dolomite finds its applicability mainly in Cement Paints, Wall Putty, Tile adhesives, Soaps and Detergents.

### DESCRIPTION :

We have a wide range of application specific grades of Calcite Powder. With low bulk density, controlled particle size and consistency in chemical composition our Calcite Powder has its applicability in sophisticated applications like PVC Profiles, Laminates, Paper and PP Compounding. We offer in three grades - Super Snow White Grade (whiteness 97%-99%), Calcium Plus Grade(CaCO<sub>3</sub> 92%-95%) and Regular Grade CaCO<sub>3</sub> 80%-90%). We have the capability to produce particle sizes ranging from 2 Microns to 600 Microns. The Most common grades are of particle sizes - 2 Microns, 5 Microns, to microns and 20 microns. We have a production Capacity of around 3000 MT/month. Calcite Powder comes in coated and un-coated form. Calcite Powder is also Known as Calcium Carbonate Powder or Marble Powder. It is usually white in colour having pH of around 9, it readily reacts with acids, more vigorously than Dolomite. The Chemical formula of Calcite is CaCO<sub>3</sub>. Calcite is softer and lighter than the Dolomite, and is more chemically active towards acid attack. Mostly, Calcite and Dolomite are replaceable, however, Calcite has its application where the requirements are more refined. Its softness gives Calcite an edge over Dolomite as it has better surface finish, more coverage area and improved brightness. Calcite finds its applicability mainly in water based Paints products, Paper, Plastic and PVC related industries.



### 3. Kaolin



#### DESCRIPTION :

Kaolin is known as hydrate Aluminum Silicat and is used in a variety of diligence, including pottery Glaze, Engobe, Body grade), paper, plastic, rubber, medicinals, demitasse, cosmetics, essay, colorings, fiber glass, and makeup. complexion minerals, primarily from China complexion, but also from Sandy complexion and potash complexion, are used to make humus. It's a layered silicate mineral that's wide around the world, but is most current in India. A complexion mineral that has been uprooted directly from the mines possesses metallic and contamination characteristics. To produce high- quality, material that's ready for operation in assiduity, we treat raw complexion mineral and remove undesirable minerals and contaminations. In numerous sectors both in India and around the world, our reused humus is in high demand. Our humus complexion greasepaint is the most affordable and competitively priced available in India. No matter if the humus is in the form of lumps, galettes, polls, or greasepaint, we promise to offer it at the stylish possible price.

#### Types of Kaolin

1. Levigated Kaolin
2. Calcined Kaolin
3. Hydrous Kaolin
4. Spray Dried Kaolin
5. Meta Kaolin

### 4. Quartz



#### DESCRIPTION :

Quartz is a mineral that's easily available from the crust of earth. And yet, it's quite valuable for its vast usage. Chemical Term  $SiO_2$  (Silica, or silicon dioxide). Where is it found? Found in igneous, metamorphic and sedimentary rocks. Usage Quartz is mostly required in the production of Engineering Quartz stones, Silicate Glasses and Ceramics.

#### The Processing

The processing takes place under advanced machinery such as In-line optical camera sorting system, Stone-to-stone crushing, unique distribution on the base of particle size, and High Powder Roller Magnetic System that removes magnetic material, if any. The entire processing makes sure to rid the product from Big Particles, rubber particles or foreign particles. Furthermore, our raw material is stored in confined space, which makes it foolproof against the clutter in environment and safety from uninterrupted production due to any weather condition. Silica % will vary from 84 to 99.8 as per the grade

#### Packing Available :

50kg Bag Jumbo Bag

#### SIZE FRACTIONS

Millimetres Scale	ASTM Scale
0.08-0.15mm,	100-200 Mesh
0.1-0.2mm	70-120 Mesh
0.2-0.4mm	40-70 Mesh
0.3-0.6mm	26-40 Mesh
0.6-0.12mm	16-26 Mesh
1.2-2.5mm	8-16 Mesh
2.5-4.0mm	6-8 Mesh
4.0-6.0mm	4-6 Mesh
6.0-8.0mm	3-5 Mesh
38 Microns	400 & 200 Mesh

**USES AND APPLICATIONS :** Glass Industry, Ceramic Industry, Paints and Coating, Abrasive and Polishing, Chemical Metallurgy

## 5. Sodium Feldspar



**Sodium Feldspar Forms :**  
Grains (0-10mm)  
Powder (100-1250 Mesh)  
**Sodium Feldspar Package :**  
1000-1300kg per bags.

### DESCRIPTION :

Sodium Feldspar is also called as Soda Feldspar, is a Sodium Aluminosilicate ( $\text{NaAlSi}_3\text{O}_8$ ). It is a type of feldspar mineral. We are professional Sodium Feldspar Manufacturer that specializes in providing raw materials for the Ceramics, Glass, Coatings Material, Plastic, Refractory, and also applicable in various other industries, including paints, rubber, soap, construction materials, water filtration, abrasives, and fertilizers.

#### Advantages of Sodium Feldspar :

**A)** High sodium and High aluminum content, has nepheline properties and good transparency **B)** Low Silicon and without free silicon, it's harmless to the body **C)** Na 11% around, Fast burning at a lower temperature, save cost **D)** Properties of translucent nephel **E)** Good transparency

## 6. POTASSIUM FELDSPAR



### TEST DATA SHEET :

ANALYTE	%
SiO <sub>2</sub>	67.50% (± 2.00%)
Al <sub>2</sub> O <sub>3</sub>	17.50% (± 1.00%)
K <sub>2</sub> O	11.50% (± 0.50%)
Na <sub>2</sub> O	02.50% (± 0.80%)
Fe <sub>2</sub> O <sub>3</sub>	00.02% (± 0.01%)
CaO	Nil
MgO	Nil
TiO <sub>2</sub>	Nil
LoI @ 10000° C	00.10%

### DESCRIPTION :

Potassium Feldspar is an abundant rock- forming mineral which usually ranges from off-white, or pink to pale-coloured. It is known as a natural source of potassium oxide ( $\text{K}_2\text{O}$ ), Sodium Oxide ( $\text{Na}_2\text{O}$ ) and Aluminium oxide ( $\text{Al}_2\text{O}_3$ )

**Usage :** Given their alumina and alkali content, Feldspars are mostly used in industrial applications. It is used in all types of ceramic bodies & glaze.

**QUALITY ASPECT :** We produces high-quality Potassium Feldspar according to the client's requirement. The iron content in the product is reduced due to our high-performance magnet and silica lined machineries.

#### PRODUCT VARIANTS :

Granular Particles  
Powder form (100-350 Mess BSS)  
Lumps (Dressed ore in raw form)

#### FIELDS OF USAGE :

**A)** Porcelain, china and earthenware.  
**B)** Glazes.  
**C)** Flux for Glass Industry.  
**D)** Bonding agent for abrasives, wheels, discs and other shapes.  
**E)** Dental ceramics.  
**F)** Glass and ceramic industries.

#### PACKING :

The standard packing units are 50 kg HDPE Bags, 1000 Kg and 1350 Kg jumbo bags. However, we can also make the packing units as per customer requirements.

**Disclaimer :** The product mentioned above is a naturally occurring raw mineral. The statements and technical remark contained in this document are purely based on our findings and documented research made by other agencies. Purchasers are advised to ensure the suitability by their own test



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