



SPACE AGE MINCHEM

ISO 9001:2015

Welcome to SpaceAge Minchem

Backed by latest designed manufacturing facility, laboratory testing equipment's and adept manpower, we are able to formulate our product with accuracy as per the specification required by our clients.



Products



Applications



Contact Us

QUALITY

SpaceAge Minchem Pvt. Ltd. are well equipped with laboratory equipment and our product goes through different tests and analysis that's why we have quality in our product.

About Us

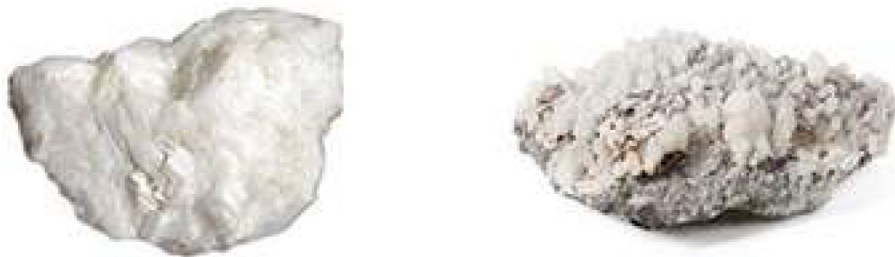
We "SpaceAge Minchem Pvt. Ltd." Offers a wide range of Micronised Minerals which includes calcite powder, dolomite powder and others.

Under the proper scrutiny of our operators, the products which we offer are highly efficient and finest in their class. Our effort is towards exceeding our buyer's expectation in terms of quality and purity in our range of minerals. We strive towards synthesizing micronised minerals as per the international purity standards in terms of composition as well as dilution.

The complete range of minerals is formulated by using top class equipment such as crushers,blenders, grinding mills, rod mills and others. These are continuously checked time to time to ensure their highest level of efficiency.

Backed by latest designed manufacturing facility,laboratory testing equipments and adept manpower, we are able to formulate our product with accuracy as per the specification required by our clients. We also possess well equipped warehousing unit to store bulk quantity of micronized minerals which safely meets the bulk order of our clients.

DOLOMITE



CALCITE



Dolomite Powder

Dolomite Mineral is a double carbonate rock with composition of calcium & magnesium whose proportion varies as per the mining zone. Chemically & structurally dolomite powder is similar to calcite with half the calcium ions replaced by magnesium.

High level of whiteness and purity are the main reasons behind the popularity of dolomite powder available with us. We assure our customers of the delivery of dolomite powder within stipulated time frame and in customized quantities.

We offer dolomite powder with high degree of purity and whiteness. Made from natural calcium magnesium carbonate it offers properties such as wettability and dispersibility. It also offers weather resistance capacity.

The chemical composition of dolomite we offer is as follows:

- CaCO_3 : 51 – 56%
- MgCO_3 : 42 – 45%
- Mix Oxides : 1 – 3%
- SiO_2 : 0.5 – 2.5%
- LOI : 41 – 44%.

The typical properties of this product are

- It is less reactive.
- Offers better acid resistance.
- Has higher bulk density and specific gravity.
- Higher production rate.

Variation of the specifications stated due to natural raw materials & environment conditions are possible, though they have no influence on the application properties described.

Calcite Powder

Calcite Powder is also popular with the name Calc-spar, or calcium carbonate powder. We provide calcite powder which is made from top class limestone mineral. We use the latest tools and techniques to ensure the accurate composition and purity of calcite powder on different parameters. Our calcite powder is highly appreciated by clients for its free-flow structure and low moisture content.

We manufacture calcite powder in various grades. It is a filler for masterbatches, Hdpe, Ldpe polypropylene filling, PVC, reinforced polyester glass fiber, engineering plastics etc. Our highest grade is ultimate white which can be used as a filler in various plastic and paint industries.

The chemical property of our highest grade calcite powder is enumerated below -:

1. CaCO_3 - 95-98%
2. MgCO_3 - 1-3%
3. Al-silicate : 1%
4. Fe_2O_3 : <0.1%
5. Moisture: <0. 2% (ex works)

The physical properties of our highest grade product are-

1. Specific gravity: 2. 7.
2. Bulk density: 0.40 to 1.2 gms/lit. As per particle size.
3. Oil absorption: 18-20 (depending upon particle size).
4. Moisture: 0. 2% ex works.
5. Particle size: average top cut.
6. Whiteness- 100%.
7. Brightness- 99%.

Variation of the specifications stated due to natural raw materials & environment conditions are possible, though they have no influence on the application properties described.

Application Dolomite

Industrial Applications:

- Paints Industry.
- Rigid PVC Pipes.
- LDPE Masterbatches.
- PP Masterbatches, Automotive and Furniture Compounds.
- Leather Cloth Industry.
- Paints, Inks, Powder Coating and Ceramic Industry.
- Rubber Industry.
- As a flux in Glass Industry and in sizing of Textile Goods.
- For Animal Feed
- Sizing of Textile Goods
- For Cosmetic Industry
- Pharmaceuticals, Food and Beverages and Leather Industry.

Dolomite Powder Qualities

For Paints

We offer dolomite micronized powder which has:

- Best quality
- Long life
- Non toxic

For PVC Pipes

We offer dolomite, which has following qualities:

- Acts as a filler due to its high dispersibility and uniform partical size (2 Micron d50).
- Low oil absorption
- High impact resistance
- Smooth surface finish
- Great dimensional stability
- Best for naturally amn made fibers
- Guarantees high colour intensity and whiteness in plastics.

For detergents

Mineral offered by us has following properties:

- High humidity retention to better the consistency and dryness of final mass.
- Chemical properties and viscosity of soap remains unaltered.
- Help to improve the cleaning action of soaps and detergents due to an adequate grade of abrasiveness.
- Its silica free nature helps in zero retention of mineral by the fabric.

For MasterBatches

Mineral offered by us:

- Pure grade of micronized calcium carbonate for its usage in masterbatch
- We supply exact form and grade required by masterbatch industry.

For Paper Industry

Mineral offered by us:

- Used as a filler to improve
- Strength,gloss,smoothness,surface finish and opacity.

Application Calcite

Industrial Applications:

- Paints Industry.
- Rigid PVC Pipes.
- LDPE Masterbatches.
- PP Masterbatches, Automotive and Furniture Compounds.
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Calcium Mineral Qualities

For Paints

We offer calcium carbonate, which has extraordinary covering strength.

Whiteness of our mineral avoid interference with the colour of paint and hence contribute greatly to the opacity.

Paint made from our carbonate covers the surface without dripping with hundred percent efficiency.

For PVC Pipes

We offer calcium carbonate, which has following qualities:

- Acts as a filler due to its high dispersibility and uniform partical size (2 Micron d50).
- Low oil absorption
- High impact resistance
- Smooth surface finish
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Quality

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We are well equipped with following laboratory equipments:

- Electronic Analytical Balance
- Specific Gravity Apparatus
- Bulk Density Apparatus
- Liquid Limit Apparatus
- Sieve Shaker for Dry Mesh (particle) Testing
- Gloss Reflectometer for whiteness Testing.
- Ph Testing Instrument
- Hot Plate & Glass Ware for Chemical Testing like CaCO_3 & SiO_2 etc.
- Heavy Metals Contents Testing
- Laboratory Oven
- Vacuum Pump.
- Opacity Test or Draw Down Test.

Our product goes through different tests and analysis:

- Brightness
- Whiteness
- Mesh
- Bulk Density
- Calcium Carbonate Percentage
- Magnesium Carbonate Percentage
- Total Carbonate
- CaO
- SiO_2 (non Silicate Minerals)
- Oil Absorption/Water Demand/Flow Point
- Particle Size Analysis
- Ph
- Specific Gravity
- LOI (Loss on Ignition)
- Opacity

Specification of Our Products

Parameters	Dolomite Powder	Calcite Powder
Mesh	500 to 1250	500 to 1250
Particle Size	3 to 150 Micron	3 to 150 Micron
Brightness	90 to 98%	90 to 98%
Whitenss	upto 98%	100%
Specific Gravity	upto 2.85	upto 2.85
Oil Absorption	20	20
Packing	25/50 kg	25/50 kg
Colour	Super Snow White	Super Snow White
Calcium	51-56%	95-98%
Magnesium	42-45%	1-3%

Contact Us

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For more detail click below to view our website

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