



## Technical Datasheet

# Calcium Carbonate SUPERFINE

### Description

Calcium Carbonate SUPERFINE is a chemical compound with the formula of  $\text{CaCO}_3$  with size of 20 to 40 microns. It is a common substance found in rocks commonly known as limestone, which is a type of sedimentary rock consisting mainly of calcite. Calcium Carbonate is used in Ceramic tiles and building materials. Other function of Calcium Carbonate SUPERFINE are in drilling fluid industry as loss prevention and loss circulation agent.

### Application

- Building materials,
- Ceramic tiles
- Iron ore purification,
- Paints
- Adhesives
- Agriculture and aquaculture
- Household cleaning
- Pollution mitigation
- Blackboard chalk
- weighting agent, Lost Circulation Material, and bridging materials in drilling fluid industry (Oil-based and Water-based Muds)

### Advantages

- Cost-effective product
- Various applications
- Calcium Carbonate SUPERFINE advantages in drilling fluid industry are:
  - Improves filter cake quality
  - Effective LCM and LPM material in both reservoir and non-reservoir sections
  - Compatible with WBM and OBM systems
  - Environmentally Friendly.
  - Compatible with Formate systems
  - Effective in plugging of micron-sized pores on formation surfaces
  - High Acid Solubility

### Typical Properties

Appearance	White granules and powder
Specific Gravity	2.7
Chemical Formula	$\text{CaCO}_3$
Solubility	Insoluble in water
Size range	20-40 micron

### Packaging

Calcium Carbonate SUPERFINE is available in 25 KG SXS.