

## Hydrated Dolomite Specification

### Description:

Hydrated Dolomite is a fine, free-flowing white powder produced through controlled hydration of high-purity dolomite. It contains both calcium hydroxide and magnesium hydroxide, providing an excellent source of alkaline earth elements with high reactivity and purity. The product is free from grits, impurities, and organic materials.

### Applications:

- Agriculture: Soil conditioning, pH neutralization, and nutrient source (Ca & Mg).
- Chemical industry: Acid neutralization and waste treatment.
- Drilling industry: Used as a mud additive and stabilizer.
- Environmental treatment: Neutralization of acidic wastewater and hazardous materials.
- Construction materials: Additive in putty, mortars, and surface treatment formulations.

### Packing:

- Palletized bag in container
- 1 m<sup>3</sup> jumbo bags in container

### Health and Safety:

- Store in a dry place away from moisture.
- Avoid inhalation of dust; use a dust mask during handling.
- Use clean tools and containers to prevent contamination.

### *Hydrated Dolomite Analysis*

| Parameter                      | Unit | Specification (Typical) |
|--------------------------------|------|-------------------------|
| Ca(OH) <sub>2</sub>            | %    | 66.99                   |
| MgO                            | %    | 33.2                    |
| CaO (Equivalent)               | %    | 48.1                    |
| Fe <sub>2</sub> O <sub>3</sub> | %    | 0.85                    |
| SiO <sub>2</sub>               | %    | 0.1                     |
| SO <sub>3</sub>                | %    | 0.22                    |
| Cl                             | %    | 0.02                    |
| L.O.I                          | %    | 15.6                    |
| Al <sub>2</sub> O <sub>3</sub> | %    | 0.3                     |

### *Physical Properties*

| Property         | Unit              | Specification |
|------------------|-------------------|---------------|
| pH (10% slurry)  | —                 | 9.2           |
| Bulk Density     | g/cm <sup>3</sup> | 2.2           |
| Moisture Content | %                 | 0.3           |

#### Hydrated Dolomite Raw & Powder



#### Applications

