

CALCINED GYPSUM POWDER CHEMICAL ANALYSIS

Gypsum Plaster 100 Mesh

Product

Calcined Gypsum Powder
 (CASO₄ $\frac{1}{2}$ H₂O)

Packing

PP Bag 25 KG
 Jumbo bag 1 - 1.5 - 2 tons

Method of Delivery

In containers

Usage

- ✓ Building material
- ✓ Gypsum board factory

Bulk Density

1.01 gr/cm³

Molecular Mass

145 gr/cm³

Chemical Analysis

| Parameters | Unit | Specification |
|--|--------------------------------|--------------------------|
| Color | - | White |
| Initial Setting Time | Min | 7-11 |
| Final Setting Time | Min | 12-18 |
| Water Stucco Ratio | % | 70-75 |
| Compressive Strength | N/mm ² | 15-17 |
| Flexural Strength | N/mm ² | 5-6 |
| Fineness | % | 100 mesh Sieve pass:> 96 |
| CASO ₄ $\frac{1}{2}$ H ₂ O | % | >97.01 |
| Sodium Chloride | % | <0.01 |
| Silica Oxide | % | <0.53 |
| Calcium Carbonate | % | 0.08 – 0.09 |
| Iron Oxide (Fe ₂ O ₃) | % | <0.05 |
| Gypsum Binder Content | % | 86.00 |
| Adhesive Strength | N/mm ² | 0.20 |
| Surface Hardness | N/mm ² | 4.30 |
| Surface Coverage | Approx. 10.56sq. ft./1kg.@1 mm | |

