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CALCINED GYPSUM POWDER CHEMICAL ANALYSIS

Gypsum Plaster 100 Mesh

Product:

Calcined Gypsum Powder ($\text{CASO}_4 \frac{1}{2} \text{H}_2\text{o}$)

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
$\text{CASO}_4 \frac{1}{2} \text{H}_2\text{o}$	%	>97.01
Sodium Chloride	%	< 0.01
Silica Oxide	%	< 0.53
Calcium Carbonate	%	0.08 - 0.09
Iron Oxide (Fe_2o_3)	%	< 0.05
Gypsum Binder Content	%	86.00
Adhesive Strenght	N/mm ²	0.20
Surface Hardness	N/mm ²	4.30
Surface Coverage		Approx. 10.56sq. ft./1kg.@1mm

