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CALCINED GYPSUM POWDER CHEMICAL ANALYSIS

Gypsum Plaster 200 Mesh

Product

Calcined Gypsum Powder
 (CASO4 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

1.05 gr/ cm³

Molecular mass

145 gr / cm³



Chemical Analysis

Parameters	Unit	Specification
Color	-	White
Initial Setting Time	Min	8 - 12
Final Setting Time	Min	16 - 22
Water Stucco Ratio	%	70-75
Compressive Streangth	N/mm2	15-17
Flexural Streangth	N/mm2	5-6
Fineness	%	200 mesh sleve pass > 96
CASO4 1/2 H2O	%	> 97.01
Sodium Chloride	%	< 0.01
Silica Oxide	%	< 0.53
Calcium Carbonate	%	0.08-0.09
Iron Oxide (Fe2o3)	%	< 0.05
Gypsum Binder Content	%	86.10
Adhesive Streangth	N/mm2	0.25
Surface Hardness	N/mm2	4.33
Surface Coverage	Approx. 10.56 sq.ft/1 kg@1 mm	