



SL GROUP Traders, KARUVANCHAL,
 PO 670571, Kannur, Kerala, India
 Email: Slgroup036@gmail.com
 www.slgrouptraders.com
 Mob: +91 7902465987,
 +91 7559980208, +91 9747335678

CALCINED GYPSUM POWDER CHEMICAL ANALYSIS

Gypsum Plaster 100 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

1.01 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 Streangth	N/mm2	15-17
Flexural Streangth	N/mm2	5-6
Fineness	%	100 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	%	86.00
Adhesive Streangth	N/mm2	0.20
Surface Hardness	N/mm2	4.30
Surface Coverage	Approx. 10.56 sq.ft/1 kg@1 mm	