

CALCINED GYPSUM POWDER/PLASTER - 200 MESH

I. Physical Analysis

No	Property	Unit	Value
1	Initial setting time	Min	8-9
2	Final setting time	Min	18-20
3	Ring	mm	200-220
4	Residue on 100 mesh Sive	%	0
5	Residue on 200 mesh Sive	%	1
6	Crystal water	%	5-5.7
7	Compressive strength (Dry Ae r 7 days)	N/mm2	6.5
8	Bending strength (Dry Ae r 7 days)	N/mm2	4.2
9	Whiteness(MINIMUM PERCENT)	%	>87
10	Mesh		200
11	Water/Plaster Ratio	%	(100/130)=76-80
12	Surface Hardness	N/mm2	5-5.4
13	Adhesive Strength	N/mm2	0.25-0.29



II. Chemical Analysis

No	Property	Unit	Value
1	Purity Over	%	98
2	Sulphur trioxide	%	53.59
3	Calcium oxide (Ca O)	%	38.53
4	Sum of the soluble salt & magnesium salt	%	0.23
5	Percentage of the United Water in the	%	6.4
6	Loss by combustion test	≈	%0
7	Caso $4 \frac{1}{2} H_2O$	%	>96.25
8	Crystal Water/combined water	%	5.5-6.3
9	PH	-	Natural

III. International Standard

Standard type	Title
ISO 9001	Quality assurance standards
ISO 14001	Standard realizing financial and economic benefits
OHSAS 18001	Occupational Health Safety Assessment Standard
Compulsory licensing standards Iran	Standard Industrial Research Organization of Iran



Packing

In WP PP Bags > 25KG, 30KG,40KG, JUMBO BAGS OF 1, 1.5, 2 TON

Best Storage Condition

In a dry place away from moisture and the correct distance from the Earth, should be kept in stock. Should be consumed within one year from the date of production.

Port of Loading	Port of Discharge	MOQ
GCC Countries	ANY PORT IN THE WORLD	Min. 10x20' FCL (or) To be Discussed

For Best Price, Delivery Details and Payment Terms, Please write to > at-sm@smithnsmiths.com & ahom@smithnsmiths.com