



SHREE GANPATI CHEMICAL & MINERALS

Manufacturer & Exporter Gypsum, Pop, lime, Fly Ash Gypsum, Ball Clay, China Clay, Silica Sand & More Minerals.



Physical Analysis:- (Plaster Of Paris / Gypsum Powder)

Date: 06 July 2020

Appearance	White , Finely divided , Odourless , Powder
Flash Point	Non –Flammable
Dry brightness	83.55%
Bilk Density	0.51 gms/cc
Molecular weight	142.25
Melting Time	162 C (Loss HO)
Solubility in water	0.3% Gms/100ml(Negligible)
Moh's Hardness	2.5
Refractive Index	2.25
SP Gravity	3 @ 20 C

Partial Size Distribution:-

Residue on 240 Mesh	2.5% Max.
Water /Plaster Ratio	70:100
Beginning of setting time	7-12 Minute (Knife Cut)
End Of Setting Time	22-30 Minute
Setting Expansion	0.08%

Chemical Analysis:-

Calcium	22.85%
Sulphur	18.67%
Oxygen in Sulphate	37.35%
Combined Water	20.8%

Note:-

1. The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
2. This report is not to be reproduced wholly or in part and cannot be used evidence in the court of law and should not be used in any advertising media without our special permission in writing.
3. The samples will be destroyed after 15 days from the date of issue of test report unless otherwise specified.



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20 KHM, BALLAR ROAD, DANTOR, BIKANER (RAJASTHAN)