

Product name: Buildon Gypsum Rock



Description :

BUILDON Gypsum Rock is supplied in various sizes. We have a   
sophisticated gypsum stone crushing plant capable of producing sized   
and graded gypsum across the region. With Rich gypsum deposits and expertise of the man power, extensive utilization of its own latest mining equipment, marine & land transport fleet plus trading capabilities inside   
and outside the country has made possible for us to extend our supply activities into countries situated at the southern coastal region of the   
Persian Gulf, Africa, and India.

Technical Specification:

Chemical Analysis

|  |  |
| --- | --- |
| **Constituent** | **Results (% by weight)** |
| Sulphur Trioxide (SO3) | 43.4 |
| Chloride as sodium chloride (Cl as NaCl) | 0.01 |
| Calcium oxide (CaO) | 32.3 |
| Magnesium oxide (MgO) | 1.21 |
| Carbon dioxide (Co2) | 1.26 |
| Iron oxide (Fe2O3) | 0.11 |
| Aluminium oxide (A12O3) | 0.08 |
| Free Water | 0.21 |
| Combined Water | 19.3 |
| Gypsum | 92.2 |
| Calcium Carbonate (CaCO3) | 3.43 |
| Magnesium Carbonate (MgCO3) | 2.53 |
| Colour | White |
| pH Value (1:5 water extract) | 9 |

PARTICLE SIZE DISTRIBUTION OF GYPSUM

|  |  |  |
| --- | --- | --- |
| **Test sieve size (mm)** | **Percentage (by weight)** | |
| **Retained** | **Passing** |
| 63 | 0 | 100 |
| 50 | 3 | 97 |
| 37.5 | 9 | 88 |
| 25 | 16 | 72 |
| 19 | 9 | 63 |
| 12.5 | 12 | 51 |
| 9.5 | 6 | 45 |
| 6.3 | 8 | 37 |
| 4.75 | 4 | 33 |
| 3.35 | 4 | 29 |
| 2.36 | 3 | 26 |
| 1.18 | 4 | 22 |
| 0.6 | 3 | 19 |
| 0.425 | 2 | 17 |
| 0.212 | 4 | 13 |
| 0.15 | 2 | 11 |
| 0.075 | 4 | 7 |
| 0.045 | 3 | 4 |

ASTM & Code Standards:

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* ASTM C 471 / C 471 M

Technical Assistance :

Buildon

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