

ULTRA

SPECIFICATIONS:

MAGNESIUM ALUMINIUM SILICATE (Hydrated)

APPEARANCE

A very fine, Powder, odourless.

CONCENTRATION

It contains not less than 11.0% of MgO, Not less than 20% of Al₂O₃ and between 48.0% to 58.0% of SiO₂

PHYSICAL PROPERTIES

Bulk Density: 0.20 to 0.25 gm/cc

CHEMICAL ANALYSIS

Identification	: Gives characteristic tests of Aluminium, Magnesium and Silicates.
Solubility	: Insoluble in water and soluble in dil HCl
Loss On Ignition	: Between 20 to 30% of its weight when ignited at 1000° C
Heavy Metals	: Max. 30 ppm
Arsenic	: Max. 8 ppm
Chloride	: Max. 450 ppm
Sulphate	: Max. 0.4 %
Acid Consuming Capacity	: 1.0 gm of the ignited substance requires not less than 175 ml and not more than 230 ml of n/10 HCl
Total Content of MgO, Al ₂ O ₃ And SiO ₂	: Not less than 88%.

ULTRA CHEMICAL WORKS

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