

ULTRA

SPECIFICATIONS:

MAGNESIUM SILICATE

APPEARANCE

A white powder practically insoluble in water and in Ethanol(96%)

CONCENTRATION

Contains not less than the equivalent of 29.0% MgO and not less than the equivalent of 65.0% SiO₂

PHYSICAL PROPERTIES

Bulk Density: 0.20 to 0.25 gm/cc

CHEMICAL ANALYSIS

Identification	: Gives characteristic of Silicate and Magnesium Salt
Soluble Salts	: Max. 1.5%
Alkalinity	: Not more than 1.0 ml of 0.1M HCl VS is required.
Arsenic	: Max. 4 ppm
Heavy metals	: Max. 40 ppm
Chloride	: Max. 500 ppm
Sulphate	: Max. 0.5%
Acid Absorption	: More than 100 ml of 0.1M HCl Acid VS per gm.
Loss on ignition	: Between 17 to 34% of its weights when ignited at 900° C.

ULTRA CHEMICAL WORKS

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