

# 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% SiO<sub>2</sub>

#### **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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