



Product Name : Heavy Magnesium Oxide  
Product Code : MO 100000

### Description

It is a high purity synthetic medium burned magnesia powder used in many applications, in particular: paper, printing inks, cement, Mg-Al Spinel, sugar, fertilisers, feed supplement and water treatment.

### Chemical Analysis

### Specification

#### --On ignited basis

MgO		98.35% min
CaO		0.83% max
SiO <sub>2</sub>		0.20% max
B <sub>2</sub> O <sub>3</sub>		0.02% max
Al <sub>2</sub> O <sub>3</sub>		0.12% max
Fe <sub>2</sub> O <sub>3</sub>		0.57% max
MnO <sub>2</sub>		0.14% max

#### --On 'as is basis'

F <sup>-</sup>	--	0.03%
Cl <sup>-</sup>	--	0.35%
SO <sub>4</sub> <sup>2-</sup>	--	0.15%
Loss on Ignition (at 1200°C)	--	0.70%

### Physical Properties

Packing Density	500 Kg/m <sup>3</sup>
Tap Density	650 Kg/m <sup>3</sup>

#### Typical particle size distribution

d90	90µm
d50	10 µm
d10	2 µm