

9-1 Magnesium Carbonate

I. Product Overview

Product Name: Magnesium Carbonate

Category: Others

CAS Number: 583678-75-4

Molecular Formula: $x\text{MgCO}_3 \cdot y\text{Mg}(\text{OH})_2 \cdot n\text{H}_2\text{O}$

Packing Specifications: 25 kg/bag

Minimum Order Quantity: 500 kg

Quality Standards: HACCP, Kosher, Halal, ISO



II. Product Specifications

Item	Specification
Appearance (Block, White Powder) ≥%	Pass Test
Content (MgO) %	40.0-43.5%
Identification	Pass Test
Microbiology	Pass Test
Soluble Salts ≤%	≤1.0%
Acid Insoluble Matter ≤%	≤0.05%
Arsenic (As) ≤ppm	≤3ppm
Calcium (Ca) Content ≤%	≤0.45%
Heavy Metals ≤%	≤0.002%
Iron (Fe) ≤%	≤0.02%
Lead (Pb) ≤mg/kg	≤2mg/kg
Calcium Oxide ≤%	≤0.6%
Solubility in Dilute Sulfuric Acid	Pass Test
Bulk Density	-
Heavy	500g/l-700g/l
Light	100g/l-350g/l

III. Applications

- It is used in the production of magnesium salts, magnesium oxide, fire retardant coatings, inks, glass, toothpaste, rubber compounds, and more. It also serves as a flour improver, among other applications.

IV. Storage

Magnesium carbonate should be stored in a cool, dry, and ventilated place, away from direct sunlight and high temperature and humidity environments. The storage temperature should not exceed 30°C. The packaging should be intact to prevent the product from becoming damp and deteriorated.