

# Technical Data Sheet

## 1. Preface

**Product name:** Magnesium stearate

**Type:** CM701

**Molecular formula:**  $Mg(C_{17}H_{35}COO)_2$

**Molecular weight:** 590

**Physical and chemical properties:**

White powder, nontoxic, not dissolved in water or ethanol but dissolved in hot organic solvents and acids.

## 2. Characteristics

- 1) Good dispersing properties
- 2) Good mold-releasing properties

## 3. Specification

Items	Unit	Standard Value
Appearance	-	White powder
Free fatty acid	%	≤5.0
Magnesium Content	%	3.7~4.8
Melting Point	°C	≥120
Volatile content	%	≤4.0
Sieving rate(120 mesh)	%	99.5

## 4. General Information

**Product Packaging:** 20kg net paper bag.

**Storage and Handling:**

Storage and transport under shady, cool and ventilated environment; Avoid acid, alkali and corrosive substances. Keep it away from the humidity, hotness, fire and corrosion.

## 5. Product Application

- Used as stabilizer agent in PVC products.
- Used as dispersing agent and lubricant in polymer functional materials.
- Used as functional additive in maquillage and pharmaceutical tablet.

## 6. Disclaimer

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