



PT *BEHRINDOTAMA BUANA*

Supplier of Industrial & Specialty Chemicals

Pergudangan 2000 Blok B1, Jl. Cilampe

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Technical Data Sheet

1. Preface

Product name: Zinc stearate

Type: AV300

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

Molecular weight: 631

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). Good thermal stability.

3. Specification

Determination	Standard Value	Remark
Appearance	White powder	
Melting Point(°C)	115~125	
Free fatty acid(%)	≤0.5	
Zinc content(%)	10.3~11.3	
Loss on dry(%)	≤0.5	
Bulk Density(g/L)	230~310	
Fineness(%) by 120 mesh	≥99.0	

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 halogen absorber agent for petro-chemical industry.
- Used as lubricant and mold-releasing agent for thermosetting plastic such as amino molding plastics and unsaturated polyester resin moulding compounds.
- Used as stabilizer and lubricant agent in PVC products.
- Used as dispersing agent and lubricant for color master batch products.
- Used as adhesion preventives for rubber products.
- Used as water-proof agent for textiles.