

PLATINUM.

A globally trusted PVC & CPVC additives manufacturer



ZINC STEARATE

Zinc Stearate or Zinc Soap, is produced by reacting Stearic Acid with Zinc Oxide under controlled parameters. It is a key plastic raw material, offering economical use with improved surface finish and release properties. It can be produced through the precipitation, fusion, or melting process. Fusion process is widely accepted, safe, and contamination-free. It ensures good thermal stability, desired particle size, and excellent physical appearance. Zinc Stearates produced by the fusion process are accepted across a wide range of applications.

It is an excellent co-heat stabilizer, lubricant, & releasing agent, commonly used in polyolefin-based masterbatches, engineering plastics, rubber compounding, Calcium-Zinc stabilizers, polyolefins, & cosmetic applications. **Zinc Stearate-MB**, **Zinc Stearate-HS**, and **Zinc Stearate-PT** are key grades from the Platinum Group that meet international standards.

Key Features



Ultra pure contamination free and heat stable product



Comply with US FDA and RoHS standard tested by SGS.



Less than 0.5 Iodine Value and lowest moisture content



Heat stability standard -180°C, 200°C due to lowest possible free fatty acid



Customized grinding technique as per customer's specification



Consistently high-quality product

Applications



Paints



Cosmetics



PVC



Masterbatches

Application Industries	Function	Grade Names
PVC	In PVC plastic compounds as a lubricant and Ca-Zn Heat Stabiizer.	Zinc stearate -MB, HS, MBHS
Paints and coating	As a thickener / body filler in "sanding sealers" which are special type of putty made for providing finish to wooden furniture etc.	Zinc stearate -PT, HS
Plastics – all type of masterbatches, engineering plastic compounding and films	In plastic compounds using as a lubricant, dispersing agent and release agent (non PVC)	Zinc stearate -MB ,HS, MBHS
Cosmetics	As a filler / lubricant / water repellent / anti fungal in talcum powder.	Zinc stearate – PT, MB, HS
Polyolefin, Rubber and polyolefin compounding	Acid scavenger in polyolefin, Lubricant and acid scavenger in masterbatch, and mold releasing agent in automotive and rubber compounding	Zinc stearate -HS, MB, MBHS

Heat Stability Test

At 180 °C



ZS-MB
15 min



ZS-MB
30 min



ZS-MB
45 min



ZS-MB
60 min

At 200 °C



ZS-MB
20 min

At 240 °C



ZS-MB
5 min

Note: The heat stability test at various temperatures is crucial for qualifying zinc stearate for high-temperature applications. Improved grades, formulated with additives and processed under controlled conditions, exhibit superior thermal stability, retaining whiteness and performance even after prolonged exposure at 240°C

Scan for more products



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