

# CALCIUM<sup>°</sup> STEARATE

## PARAMETERS

PARAMETERS		SPECIFICATIONS
Metal (%)	:	11.0 – 13.0
Loss on drying (%)	:	3 Max
FFA (%)	:	1 Max
Bulk Density	:	250 – 500
Melting Point (°C)	:	140 – 160
Particle Size	:	Min. 99% through 240 mesh screen
Physical form	:	Fine Powder

## DESCRIPTION

Calcium stearate is made via the modified fusion process using high quality Stearic Acid & exhibits the follow properties: Stabilizing, lubricity, water repellent, gelling.

## SOLUBILITY

Calcium Stearate is insoluble in water and alcohol, ether but soluble in benzene, acids or common solvents when hot.

## APPLICATIONS

Plastics	:	as a chloride ion catcher in PE, PP polymerisation
Rubber	:	as mould release agent
Cosmetics	:	as additive to promote smoothing effect
Building material, fabric	:	as water proofing agent
Fuel	:	as additive to reduce exhaust gas pollution
Grease	:	as thickener
Paints	:	as flattening agent and coating agent
Wire Drawing	:	as lubricant
Fertilizers and explosives	:	as hydrophobic agent
Food Industry	:	as conditioning agent and anti-foaming agent
Foundry	:	insecticides
Pesticides	:	as additive
Pharmaceuticals	:	as lubricant in making tablets
Pencil and crayons	:	as lubricant

## STORAGE

Calcium Stearate has a long shelf life if kept in a cool and dry atmosphere. Indoor storage is recommended. Keep away from heat and sources of ignition. Do not breathe the dust and avoid contact with eyes.

## PACKING

25 kgs HDPE Bags

*The technical information & suggestion for use herein are believed to be reliable, but they are not to be construed as warranties and no patent liability can be assumed.*

# ZINC STEARATE

## PARAMETERS

PARAMETERS		SPECIFICATIONS
Metal (%) as Zn	:	6.8 – 8.0
Metal Oxide (Ash %)	:	17.0 – 18.0
Loss on drying (%)	:	0.5 Max
FFA (%)	:	1 Max
Bulk Density	:	230 – 500
Melting Point (°C)	:	120 – 130
Particle Size	:	Min. 99% through 240 mesh screen
Physical form	:	Fine Powder

## DESCRIPTION

Zinc stearate is made via the modified fusion process using high quality Stearic Acid & exhibits the follow properties: Excellent lubricity, excellent water repellent, good clarity and weathering stabiliser, non-toxicity, non-sulfide staining, minimal initial colour formation.

## SOLUBILITY

Zinc Stearate is insoluble in water and alcohol, ether but soluble in benzene, acids or common solvents when hot.

## APPLICATIONS

Plastics	:	as external lubricant & stabiliser for PP, PE, ABS
Rubber	:	as co-stabiliser
Paints & Pigments	:	as dispersing agent, also used as flattening agent and varnishes sanding agent in lacquers
Building material	:	as water proofing agent

## STORAGE

Zinc Stearate has a long shelf life if kept in a cool and dry atmosphere. Indoor storage is recommended. Keep away from heat and sources of ignition. Do not breathe the dust and avoid contact with eyes.

## PACKING

25 kgs HDPE Bags

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