

CALCIUM STEARATE

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 flatting 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

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

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PACKING

25 kgs HDPE Bags

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