



Chemical Village CO., LTD.

20/2 (B4), Teparak Rd, Bangplee Yai, Bangplee,
Samutprakarn, Thailand 10540

Tel : 66 2757 5290 **Fax :** 66 2757 5292

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CALCIUM STEARATE

Description

Is as a flow agent in powders including some foods (such as Smarties), a surface conditioner in hard candies such as Sprees, a waterproofing agent for fabrics, a lubricant in pencils and crayons.

CALCIUM STEARATE CV-A

Detailed Product Description

1. Non-toxic, non-polluting sulfur
2. Calcium stearate is used as lubricant and mold-releasing agent in thermoset plastics.

Name: Calcium stearate

Formula: $\text{Ca} (\text{C}_{17}\text{H}_{35}\text{COO})_2$

Technique indicator:

Name	Calcium Stearate
Model	CV-A
Standard	(International standard)
Appearance	(White fine standard)
Ca (%)	6.6±0.2
Ash specification (%)	9~10.5
Melting points (centigrade)	149-155
Volatiles (%)	≤2.0
Loss weight (%)	≤2.0
Free fatty acid (%)	≤0.5
Bulk density(g/cm ³)	≤0.2
Fineness (%)	≥99.9(325mesh)
Content of	Pb≤5
Heavy metal (ppm)	Cd≤5



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Applications:

1. Used as dispersant and lubricant for manufacturing sheet, film, hosepipe, artificial leather, etc.
2. It also can be used as lubricant and mold-release agent in thermoset plastics and resins reinforcing PET plastics such as bakelite and amido, etc. the bodiness agent of lubricating ester, water-proof agent of textiles, flatting agent of paint. It can also improve work ability of hard products with stabilizer.

CALCIUM STEARATE CV-B

Detailed Product Description

1. Calcium stearate is used as lubricant and mold-releasing agent in thermosetting plastics, resins reinforcing PET plastics.

Calcium stearate

Formula:	$\text{Ca} (\text{C}_{17}\text{H}_{35}\text{COO})_2$
Molecular weight:	704



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Technique indicator:

Name	Calcium Stearate
Model	CV-B
standard	
Appearance	white fine powder
Ca(%) 6.6 ± 0.3	
Ash specification(%)	10.5~11.0
Melting points (centigrade)	149-155
volatiles(%)	≤ 2.0
Loss weight (%)	≤ 2.0
Free fatty acid(%)	≤ 0.5
Bulk density(g/cm ³)	0.2~0.3
Fineness(%) (200mesh)	≥ 99
Content of	Pb ≤ 5
heavy metal(ppm)	Cd ≤ 5
Mechanical admixture (0.1-0.6mm)	4



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Applications:

1. It can improve the gelation speed in the hard product with the basic lead salt and lead soap.
2. It can eliminate the bad effect of residual catalyst to the resins color and stabilizer in the resins as a helogenic absorb agent.
3. It is a lubricant in the polyolefin fiber and the model plastic products.
4. It also can be used as lubricant and mold-releasing agent in thermosetting plastics and resins reinforcing PET plastics such as bakelite and amido, etc.
5. It can also improve work ability of hard products with stabilizer.