



Zinc Stearate

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Catalog Nr. Q535

Definition Chemical Formula: $Zn(C_{18}H_{35}O_2)_2$ Zinc Stearate is a white hydrophobic powder free from grittiness; faint odor; soluble in acids and in common solvents when hot, insoluble in water, alcohol and ether. Sparsely soluble in benzene and turpentine. Manufactured from commercial stearic acid and gold-seal zinc oxide, includes palmitate and myristate. Clear melt.

CAS Number 557-05-1

Application Zinc Stearate is used for the production of Nitrocellulose sealants. It is a suspension agent in paints and has many applications such as: varnishes, lacquers, rubber and PVC resins. Adding this product to paints, varnishes and lacquers or sanding papers improves sanding properties. Additionally, it guarantees a good color dispersion in paints. It is a perfect lubricant for plastics, blocks gelation and color settlement and is also a resin catalizer. Because of its large surface this product is perfectly suitable for all applications with high requirements concerning release properties and/ or water repellency properties.

- Secondary stabilizer for PVC
- Lubricant for Crystal PS
- Antistatic for expanded polystyrene
- Anticaking compound for rubber extrudidos
- Low-melt slip compound for rubber slabs
- Antistatic for powdered polymers
- Anticaking for diverse powders
- Lubricant for powder metallurgy
- Sanding aid for lacquer sanding sealers
- Mold release agent for PE, PP, PS, urea-formaldehyde, phenol-formaldehyde and polyester

Technical Data	Test	Unit	Min	Max
	Total ash	%	13.0	13.8
	Free fatty acid	%	0.0	0.8
	Moisture	%	0.0	1.0
	Bulk density	g/cm ³	0.16	0.25
	Fineness, passes 325 mesh	%	99.5	
	Melting point	°C	115	120
	Shelf life, months	-		12

Packaging & Handling 25 kgs bags without pallets, 18 mt/20'fcl

UN Number **Class** **Packaging Group**

Remarks Combustible

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