



上海威鹏化工有限公司

WPA Chemicals LIMITED

Technical Data Sheet

Zinc Stearate

Name: Zinc stearate

CAS NO.557-05-1

Molecular formula: $[\text{CH}_3(\text{CH}_2)_{16}\text{COO}]_2\text{Zn}$

Characters: Zinc stearate is white powder, greasy to touch without sand sense, fatty odor, innocuously, flammable, insoluble in water, solve in hot ethanol, benzol etc. slowly decomposes into stearic acid and zinc salts when reacting with strong acid.

Applications

Zinc stearate can be applied in the manufacturing of PVC innocuous products, and its performance will be better if use with calcium stearate and darium stearate, can improve the light stability of PVC products. Its dosage in the PVC usually not more than 1%. While applying in rubber products, PF, PE, PS and EPS polymer additives even the manufacturing of pencil core, dosage: usually 1%-3%.

Specification

Test items	Specification
Appearance	white and fine powder
Assay of Zn	10.3%~11.3%
Free acid	≤0.8%
Loss on drying	≤1.0%
Melting point	120±5°C
Particle size (Pass 325 mesh)	≥99.5%

Package: Polywoven bag, PE film inner lined. Net wt: 20kg/bag. We also can pack according to customers' requirements.

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