



LITHIUM STEARATE

Chemical Name: Zinc Stearate

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

Molecular Weight 289.94

Molecular formula : $\text{C}_{17}\text{H}_{35}\text{COOLi}$

CAS No. 4485-12-5

Specifications Q/KS 3668-2009

Items	Specifications
Appearance	White fine powder
Melting point	220-221.5 °C
Content(count by LiO)	5.0-5.6%
Free Fatty Acid(As Stearic acid)	≤0.5%
Chloride (Cl-)	≤0.2%
Sulphate(SO ²⁻⁴)	≤0.2%
Heating loss %	≤1.0%
Fineness(200mesh)	≥99%

Description White fine powder,stable in room temperature . Density 1.025g/cm³ ,Insoluble in water、alcohol、 ethyl acetate. Lithium Stearate is a high quality, general purpose lithium stearate.Its carefully controlled particle size helps handling and improves blending.

Applications It can be used as a transparent PVC heat stabilizer is suitable for the products, cooperate with phthalic acid lipid plasticizer, when using products not white fog, transparency of thin film is good.This product than other stearate fusible in ketone, ancient smaller influence on embossing operations.This product can be used as a non-toxic replace lead barium soap, soap.This product can also be used with phosphatidic acid plasticizers.This product can also be used as external lubricants, suitable for nylon, phenolic resin, rigid polyvinyl chloride (maximum dosage 0.6) in addition, the product production of lithium base grease in lubricating oil, building waterproof, seepage control, etc.

Storage Keep it in airtight containers and dry, cool and dark place. Damp-proof, far from Fire and no contact with corrosive matter.

Packing Net 20kg, polyethylene bag .Net 15kg, paper bag .