



Specialized in chemicals

Hefei TNJ Chemical Industry Co., Ltd.

D1508 Xincheng Business Center,

Qianshan Road, Hefei 230022 China

Tel : (0086) 551 65418678

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnjchem.com

Technical Data Sheet

Product name: **Coating (paint) grade Zinc Stearate with 800 mesh particle size**

CAS Number: 557-05-1

Application field: coating grade

M.F.: C36H70O4Zn

M.W.: 632.33

Physical and chemical properties

This product is a white fine powder that is easily hygroscopic and has a smooth texture. This product is flammable; Melting point ≥ 118 °C; Insoluble in water, ethanol, and ether; Dissolve in hot common solvents and acids; Decompose into stearic acid and zinc salt when encountering strong acid.

Function

Coating (paint) grade zinc stearate absorbs the advantages of foreign coating grade zinc stearate, and has won wide recognition from customers and the market for its ultra-fine, transparent, good dispersibility, easy polishing, fast drying, easy defoaming, clear transparency, and good heat resistance. It also meets the various performance requirements of the manufacturer for this product. Especially in response to the recent environmental protection requirements issued by the country, we have timely adjusted our raw materials and processes to meet the requirements of the new standards, and have passed the testing and certification of authoritative departments at home and abroad (see attached table). All indicators have reached international standards and can replace imported products. They are **widely used in various fields such as furniture coatings, high-end inks, high-end automotive coatings, ship coatings, powder coatings and plastics, polymer resins, fiber rubber, paper, cosmetics, powder metallurgy and cement products.**

Specification

Testing Item	Testing Standard
Appearance	Ultra fine powder
Melting point, °C	118-125
Free acid, %	≤ 0.5
Water, %	≤ 0.5
Particle size	98% pass 800 mesh
Bulk density	250-300 kg/m ³
Note	Note: The fineness test is determined by laser or scraper fineness meter.

Packing

External woven bag, lined with high-pressure polyethylene film 20 kg/bag, can also be packaged according to customer agreement.