

球形锌粉 Spherical Zinc Powder



产品介绍 Product Introduction

微米级球形锌粉，一种高精度、高性能的金属粉末材料，以其独特的微米级粒径和优异的物理化学性质，在众多工业领域中展现出巨大的应用潜力和价值。本产品经过精密加工，确保粒径均匀、纯度高，是提升产品质量、优化生产工艺的理想选择。应用于富锌涂料、冶金工业、电池材料、医药中间体、渗锌工艺、农药催化剂等领域。

Micron-grade spherical zinc powder, a high-precision, high-performance metal powder material, with its unique micron-grade particle size and excellent physical and chemical properties, has shown great potential for application and value in many industrial fields. The product is precision processed to ensure uniform particle size and high purity, which is ideal for improving product quality and optimising production process. It is widely used in zinc-rich coatings, metallurgical industry, battery materials, pharmaceutical intermediates, zinc penetration process, pesticide catalysts and other fields.



产品应用 Application





产品特性 Product Advantage

基本信息

化学名称：锌粉

分子式：Zn

密度：7.14g/cm³

分子量：65.38

物理性质：浅灰色球状粉末

Basic Information

Chemical Name: Zinc Powder

Molecular Formula: Zn

Density: 7.14g/cm³

Molecular Weight: 65.38

Physical Properties:
Light grey spherical powder

化学性质

不溶于水，能溶于酸和碱，缓慢溶于醋酸、氨水。具有强烈还原性，与酸碱作用放出氨气。受潮结块。

Chemical Properties

Insoluble in water, soluble in acid and alkali, slowly soluble in acetic acid, ammonia. It has strong reducing property, releasing ammonia gas with acid and alkali. Lumping with moisture.

产品特点

- 高纯度
- 均匀分散
- 良好球形度
- 微米级粒径
- 化学性质稳定

Product Characteristics

- High purity
- Good suspension
- Good sphericity
- Micron particle size
- Chemically stable

应用优势

- 显著提升防腐性能
- 提高电池能效与循环稳定性
- 增强催化剂活性与选择性
- 优化生产工艺与降低成本
- 环保与可持续发展

Product Advantage

- Significantly improves corrosion protection
- Improved battery efficiency and cycle stability
- Enhanced catalyst activity and selectivity
- Optimise production processes and reduce costs
- Environmental protection and sustainability



产品型号 Product Grade

规格 (目数) Grade (Mesh)	化学成分 (%) Chemical composition (%)					粒径 Particle size		筛余物 (%) Sieving (%)
	全锌 All-zinc	金属锌 zinc metal	铅 Pb	铁 Fe	镉 Cd	D50µm	Max µm	
800	≥98.5	≥96	≤0.01	≤0.01	≤0.01	4-6	18	≤0.1
500	≥99	≥96	≤0.01	≤0.01	≤0.01	7-9	28	≤0.1
325	≥99	≥96	≤0.01	≤0.01	≤0.01	15-25	45	≤1
200	≥99	≥96	≤0.01	≤0.01	≤0.01	30-45	75	≤1
另外还有：80目、120目、400目等规格（可根据用户要求提供各种规格的产品） In addition: 80 mesh, 120 mesh, 400 mesh and other specifications (According to user requirements to provide a variety of specifications of the product)								