

ICS 77.150.60

CCS H62



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 26035-2010

Flake zinc powder

片状锌粉

Issued on: January 10, 2011

Implemented on: October 1, 2011

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

This standard is drafted in accordance with the plan given in GB/T 1.1-2009. This standard refers to the German ECKART company zinc pigments and zinc products, the supply of technical indicators, the United States ASTM D267- 1982 (2008) "copper powder standard" and GB/T 2085.2-2007 "aluminum powder part 2. ball mill aluminum powder" and GB/T 6890- 2000 "zinc powder" standard, according to the domestic production and use of the development. This standard is owned by the National Committee for the Standardization of Nonferrous Metals (SAC/TC243). This standard is responsible for drafting units. Beijing Mining and Metallurgy Research Institute, Beijing North Mine Zinc Industry Co., Ltd. This standard participates in the drafting unit. Shenzhen Jinling South Nonferrous Metals Co., Ltd. The main drafters of this standard. Wang Aiping, Liu Kui, Li Qingxiang, Wang Yanjun, Lin Xingming, Liu Chun, Liu Xiaomin, Cai Zhancai, Yang Yueping, Huang Jianmin, Jiang Qiutao, Wen Ying, Qiu Gang. Flake zinc powder

1 Scope

GB/T 26035-2010 is the Chinese national standard on flake zinc powder, in the field of metallurgy. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 10 January 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 October 2011. Classification: ICS 77.150.60, CCS H62. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the requirements, test methods, inspection rules and packaging, marking, transportation, storage, quality certificates and contracts for sheet zinc powder (Or order) content. This standard is applicable to flake zinc powder produced by ball milling (including dry and wet). The standard products are mainly used for zinc chrome

anti-corrosion coating and Zinc-rich anti-corrosion coatings and other fields.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 5060 Determination of bulk density of metallic powders - Part 2. Scott volume method
Sampling method of powder for powder metallurgy GB/T

GB/T 6890-2000 Zinc Powder Particle size analysis - Laser diffraction method - Part 1.
General rules GB/T Determination of Pigment Sieve Residue

HG/T 3852-2006 Determination of physical and chemical properties of aluminum,
magnesium and its alloys - Part 5. Determination of grease content in aluminum powder
YS/T 617.5-2007

3 Request

3.1 Product Classification Flake zinc powder according to the particle size range is divided into FZP-1, FZP-2 and FZP-3 three grades.

3.2 Chemical composition The chemical composition of the sheet zinc powder shall comply with the provisions of Table 1. Table

1 Chemical composition of zinc powder Grade Quality Score /% Total zinc, not less than
Metal zinc, not less than Impurity content, no more than Fe Pb Cd grease, no greater than
FZP-1 FZP-2 FZP-3 95 90 0.020 0.005 0.005 4

3.3 particle size distribution, sieve residue and bulk density The particle size distribution,
sieve residue and bulk density of the flake zinc powder shall meet the requirements of Table
2.