

ICS 77.150.30

CCS H62



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

GB/T 26049-2010

Silver-coated copper powder

银包铜粉

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**

Table of Contents

- 1 Scope
- 2 Normative reference documents
- 3 Request
- 3.0 PAC-2
- 3.5 PAC-3
- 5.8 PAC-4

Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009. This standard is owned by the National Committee for the Standardization of Nonferrous Metals (SAC/TC243). This standard is responsible for drafting units. Kunming Science and Technology Hengda Technology Co., Ltd. The main drafters of this standard. Huang Feng, Guo Zhongcheng, Wang Min. Silver and silver powder

1 Scope

GB/T 26049-2010 is the Chinese national standard on silver-coated copper 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 77.150.30, 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, marking, packaging, transportation, storage, quality certificates and contracts of copper and silver (Or order) content. This standard applies to the electronic, mechanical and electrical, communications, printing, aerospace, military and other industries conductive, electromagnetic shielding and other fields for conductive adhesive, guide Electric paint, conductive paint, conductive ink and other use of copper and silver powder.

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 4456 Polyethylene blown film for packaging

GB/T 5060-1985 Determination of bulk density of metallic powders - Part 2.
Schenchrometer

GB/T 5121 (all parts) Methods for chemical analysis of copper and copper alloys Sampling method for powder metallurgy powder

GB/T 5314-1985 Particle size analysis - Laser diffraction method - Part 1. General rules

GB/T Methods for chemical analysis of coarse copper - Determination of gold and silver

content YS/T 521.3 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 The PAC-1, PAC-2, PAC-3, PAC-4, PAC-5, PAC-6, PAC-7, PAC-3, PAC-4, PAC-8, PAC-9 nine grades.

3.2 Chemical composition The chemical composition of silver-coated copper powder should meet the requirements of Table 1. Table 1 silver foil copper chemical composition Grade chemical composition/% Ag Cu Ag not less than Impurity content, no more than Fe Pb As Sb Bi Ni Sn Zn grease PAC-1

5.8 PAC-4

7.0 to 8.0 99 0.01 0.01 0.004 0.005 0.002 0.003 0.004 0.004 0.5