

ICS 71.100.30

CCS Y88



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

GB/T 26197-2010

Antimony sulfide for fireworks and firecracker

烟花爆竹用硫化锑

Issued on: January 14, 2011

Implemented on: June 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 was proposed by the National Federation of Light Industry. This standard by the national fireworks Standardization Technical Committee (SAC/TC149) centralized. This standard was drafted. National Light fireworks safety Quality Supervision and Testing Center, Hunan fireworks safety product quality supervision and inspection Testing center, Zhaohui Taojiang Antimony Products Co., Ltd., Hunan Taojiang County Yongsheng antimony products factory, Panda Fireworks Group Co., Ltd. The main drafters of this standard. Qiuzhi Xiong Zhao Zheng, Zhao Weiping. Fireworks with antimony sulfide

1 Scope

GB/T 26197-2010 is the Chinese national standard on antimony sulfide for fireworks and firecracker, in the field of chemical technology. 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 14 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 June 2011. Classification: ICS 71.100.30, CCS Y88. 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 use of fireworks antimony sulfide product classifications, technical requirements, test methods, inspection rules and signs, packaging, transportation, Storage. This standard applies exclusively to antimony sulfide fireworks products used.

2 Normative references

The following documents contain provisions which, through reference in this standard and

become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard. Determination of antimony YS/T 239.1 trisulfide chemical analysis of antimony potassium bromate volumetric method Determination of sulfur compounds YS/T 239.2 antimony trisulfide Methods for chemical analysis of barium sulfate gravimetric method

3 Product rating

Divided into three levels. First grade, second-class products, qualified goods. 4. Technical Requirements

4.1 Appearance. The color should be black to gray and black, without foreign inclusions and non-caking.

4.2 antimony sulfide technical indicators to comply with Table 1. Table 1 antimony sulfide technical indicators in% Grade antimony content of sulfur compounds was moisture on the sieve size (0.125mm aperture) First grade ≥ 25 ≥ 20 ≤ 0.8 $\leq$

5 Test methods

5.1 Appearance Visual inspection.

5.2 Determination of antimony content Measured according to the provisions of YS/T 239.1 in.

5.3 Determination of sulfur compounds Measured according to the provisions of YS/T 239.2 in.

5.4 Determination of Moisture

5.4.1 Analysis Weigh 10.0g sample to constant weight weighing bottle, dried 1h at 105 °C in electric oven, and removed in a dryer Cooling 0.5h, weigh the sample mass, according to the equation (1) to calculate the moisture content (X), expressed in%. $X = \frac{m - m_1}{m} \times 100\%$
(1)