ICS 77.150.99
CCS H63

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 10116-2007

Replacing GB/T 10116-1988

Ammonium paratungstate

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Foreword

This standard replaces GB/T 10116-1988 "paratungstate." This standard compared with GB/T 10116-1988, the main changes are as follows:

--- Canceled the lower grades of APT-2 grades;

--- Increase the physical performance requirements;

--- APT-0 grades increased impurity elements of Cd control requirements, adjust the Mg, Mn, Ni, Sb, S, Sn six impurity element index;

--- APT-1 grades increased impurity elements of Cd control requirements, adjust the Mg, Mo, Ni impurity elements three indicators;

--- Requiring a product to be sieved should be able to screen all through a pore size of 250μm. The standard proposed by China Nonferrous Metals Industry Association. This standard Nonferrous Metals by the National Standardization Technical Committee. This standard by the Zigong Cemented Carbide Co., Ltd. is responsible for drafting. The main drafters of this standard. on behalf of the S & P. This standard replaces the standards previously issued as follows:

--- GB/T 10116-1988. Ammonium paratungstate

1 Scope

GB/T 10116-2007 is the Chinese national standard on ammonium paratungstate, 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 23 November 2007 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 2008. Classification: ICS 77.150.99, CCS H63. 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 ammonium paratungstate requirements, test methods, inspection rules, marking, packaging, transportation, storage and purchase order (or contract) content. This standard applies to the production of ammonium paratungstate and tungsten carbide products, such as powder metallurgy 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

GB/T 1479 metal powder bulk density - Part 1. funnel method

GB/T 3249 Determination of refractory metal compound powder size and method of Fisher method

GB/T 4324 (all parts), chemical analysis of tungsten Determination of

GB/T 5060 metal powder bulk density - Part 2. Scott capacity meter method

GB/T 5314 sampling method powder metallurgy

3 Requirements

3.1 Categories Products by the chemical composition of the impurity content requirements, divided into APT-0, APT-1 two grades.

3.2 Chemical composition Chemical composition of the product shall comply with the requirements in Table 1.

3.3 size Fisher average particle size of the product shall be in accordance with Table 2.

3.4 Bulk Density Other physical properties of the bulk density of the product is determined by the supply and demand sides negotiated.

3.5 sieved The product should be sieved should be all through a pore size of 250μm sieve.

3.6 appearance quality Should as a white crystalline product, color should be uniform. Products should be no visual evidence of inclusions and caking. Test Method 4

4.1 Analysis of the chemical composition of the product according to the provisions of GB/T 4324 will be. Fisher average particle size of

4.2 in accordance with the provisions of GB/T 3249 will be. Bulk density was measured according to the provisions of item

4.3 GB/T 1479 or GB/T 5060 will be.

4.4 Product screened by both parties agree manner.

4.5 appearance quality product with a visual inspection.