

ICS 77.150.30

CCS H62



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

GB/T 11090-2013

Replacing GB 11090-1989

copper and copper alloy strips for detonator

雷管用铜及铜合金带

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard replaces GB 11090-1989 "detonator with copper and copper alloy strip." This standard compared with GB 11090-1989, the major change Of the following.

- Increased Alloy H70 (T26100) and the corresponding requirements;
- Strip width by the "20mm ~ 300mm" to " ≤ 300 mm";
- Thickness tolerances were classified into "high-precision" and "normal level";
- Tightened the strip thickness tolerance;
- Thickness tolerance unified symmetrical tolerance;
- Tightened the strip width tolerance;
- Tightened the strip side curvature of the original "per meter of not more than 3mm" to "no more than 2mm per meter";
- Tensile test can be measured by the thickness of not less than "0.35mm, 0.40mm, 0.45mm, 0.28mm" to not less than unity "0.2mm";
- H68 strip for grain sizes were redefined, from no more than "0.055mm" to "0.020mm ~ 0.055mm";
- Added "strip dimensions examined according to the provisions of GB/T 2630.3 will be";
- The batch weight uniform regulations not more than 3500kg;
- Increasing the test results to determine. This standard by the national non-ferrous metals Standardization Technical Committee (SAC/TC243) centralized. This standard is drafted by: Chinalco Luoyang Copper Co., Ltd., Ningbo Xingye Shengtai Group Co., Ltd. Participated in the drafting of this standard. Shenyang Institute of refractory metals. The main drafters of this standard. Zhao Wanhua, Sun drops, Zhang Xiangyun, Han Weiguang, Wang Jianli, Zhu Mingyi, stable - Zhou Ming. This standard replaces the standards previously issued as follows:

--- GB 11090-1989. Detonator with Copper and copper alloys

1 Scope

GB/T 11090-2013 is the Chinese national standard on copper and copper alloy strips for detonator, 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 27 September 2013 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 August 2014. 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 detonator copper and copper alloy strip product classification, technical requirements, test methods, inspection rules and signs, packaging, transportation, Storage, quality certificates and contracts (or orders) and so on. This standard applies to defense and mining and other industrial sectors of manufacturing copper and copper alloys with a detonator used.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 228.1-2010 metal material tensile test - Part 1. room temperature test methods (ISO 6892-1.2009, MOD)

GB/T 5121 (all parts) of copper and copper alloys -

GB/T 5125 Test methods for non-ferrous metal cup

GB/T 5231 and processing of copper and copper alloy grades and chemical composition

GB/T 8888 heavy non-ferrous metal processing products, packaging, labeling, transportation and storage

GB/T 26303.3 copper and copper alloy processing material Dimensions test methods Part 3. plate and strip YS/T 347 copper and copper alloys average grain size measurement method YS/T 482 copper and copper alloy analysis photoemission spectroscopy

3.1 Categories

3.1.1 grade, status, specifications Strip grades, status, and shall conform to the specifications in Table 1. Table 1 grades, status and specifications Grade Status Code Specifications/mm Thickness Width T2 T3 H90 H70 H68 B19 T11050 T11090 C22000 T26100 T26300 T71050 Softening annealing (O60) 0.05 ~ 1.35 ≤300

3.1.2 tag example Products marked by product name, standard number, grade, status, size of the order of representation. Tag example as follows:

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