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

GB/T 26054-2010

Reproduced composition powder of cemented carbide

硬质合金再生混合料

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Foreword

The standard proposed by China Nonferrous Metals Industry Association. This standard by the national non-ferrous metals Standardization Technical Committee (SAC/TC243) centralized. This standard was drafted. High-tech Co., Ltd. Shenzhen Grammy, Xiamen Golden Egret Special Alloy Co., Ltd. Jingmen City Green US New Materials Co., Ltd., Wuhan Grammy resource recycling Limited. The main drafters of this standard. Han Hongtao, Tancui Li, Xu Kaihua, YANG Yue, Zou Jianping, pear Yan, Zhang Rui, Luo Xiaohua. Carbide recycled mixtures

1 Scope

GB/T 26054-2010 is the Chinese national standard on reproduced composition powder of cemented carbide, 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 77.160, CCS H71. 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 carbide recycled mixture (hereinafter referred to as recycled mixtures) requirements, test methods, inspection rules, marks, packages Equipment, transportation, storage, quality certificates and contracts (or orders) content. This standard applies to the processing of recycled carbide recycled mixtures.

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 3249 Determination of metals and their compounds Fisher particle size powder

GB/T 4324.12 chemical analysis of tungsten chloride - Determination of silicon content
molybdenum blue Determination of

GB/T 5124.1 Carbide chemical analysis of total carbon content - Gravimetric method

GB/T 5124.2 Carbide chemical analysis of insoluble (free) carbon content - Gravimetric
method

GB/T 5124.3 Determination of cobalt content Carbide chemical analysis of potentiometric
titration Spectrophotometric determination of titanium content

GB/T 5124.4 Carbide chemical analysis of peroxide Determination of

GB/T 5158.4 total oxygen content of the metal powder reduction - extraction method

GB/T 5314 sampling method powder metallurgy

GB/T 6150.11 Methods for chemical analysis of tungsten concentrates of zinc content -
Flame Atomic Absorption Spectrometry

GB/T 20255.2 Carbide chemical analysis of cobalt, iron, manganese and nickel contents -
Flame Atomic Absorption Spectrometry

3.1 Categories

3.1.1 Regeneration mix their raw materials, different requirements, divided into two
categories, each category is divided into different groups, with different code
representation, see Table 1. Table

1 Code taxonomic groups YG class (tungsten cobalt) YG Miscellaneous CPG Anvil class
CPD YT class (titanium tungsten cobalt) YT class CPT

3.1.2 Regeneration Mixture classification code examples. CP Carbide recycled mixtures
Indicating the type of raw material (G representative of YG miscellaneous, D on behalf of
top hammer, T Representative category YT)