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NATIONAL STANDARD OF THE PEOPLE'S
OF CHINA



中华人民共和国国家标准

GB/T 13042-2008

Replacing GB/T 13042-1998

Packaging containers - Tinplate aerosol can

包装容器铁质气雾罐

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Foreword

Article 6.4 in this standard is mandatory clause and others clauses are recommended clauses.

This standard replaces GB 13042-1998 Packaging Containers – Aerosol Can.

Compared with GB 13042-1998 Packaging Containers – Aerosol Can, the main differences are shown as follows:

- Specify the volume of aerosol can shall not be greater than 1000 ml.
- Cancel the classification method by materials (Z and Y) and change to the classification methods by structure, shape and pressure resistance properties;
- Printing quality shall conform to QB/T 1877;
- Cancel the requirements on the average contact height of can mouth;
- Cancel the requirements on heat resistance test
- The requirements on the deformation pressure and bursting pressure are divided into two grades: one for normal can and the other for high pressure can;
- Add compatibility requirements
- Add sanitary requirements

For the purpose of this standard, the relevant provisions in ISO 90-3:2000 Light gauge metal containers—Definitions and determination of dimensions and capacities—Part 3: Aerosol Cans shall apply.

This Standard is proposed by China Packaging Federation.

This Standard is under the jurisdiction of China National Technical Committee for packaging standardization.

Drafting units of this standard: Zhongshan Kaida Fine Chemical Engineering Co.,Ltd., National Packaging Product Quality Supervision And Inspection Center (Guangzhou), Hangzhou COFCO-MC Packaging Co., Ltd., Guangdong Laya Chemical Co., Ltd., Hebei Jiamei Iron-Printing and Can-making Co.,Ltd. and China Packaging Federation.

Main drafters of this standard: Luming, Cui Ruping, Feng Hui, Zhu Liping, Zhan Yan, Fan Zhilong and Ruan Shen.

Previous versions that this standard replaces are as follows:

——GB 13042—1991, GB 13042—1998.

Packaging Containers – Tinsplate Aerosol Can

1 Scope

This standard specifies the terms, definitions, classification, materials, requirements, test methods, inspection rules, marking, packaging, transportation and storage of tinsplate aerosol can (hereinafter referred as “aerosol can”).

This standard is applicable to the aerosol can made of thin tinsplate steel sheet with the mouth diameter of 25.4 mm and the volume no less than 1000 ml.

2 Normative references

The articles contained in the following documents have become this document when they are quoted herein. For the dated documents so quoted, all subsequent modifications (Including all corrections) or revisions made thereafter do not apply to this standard. However, the parties that reach an agreement according to this standard are encouraged to study whether the latest versions of these documents may be used. For the undated documents so quoted, the latest versions (including all modification sheets) apply to this document.

GB/T 1720 Method of test for adhesion of paint films

GB/T 2520 Cold-reduced electrolytic tinsplate (GB/T 2520-2000, eqv ISO 11949:1995)

GB/T 2828.1 Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection (GB/T 2828, 1 - 2003, ISO 2859-1: 1999, IDT)

GB/T 6739 Paints and varnishes - Determination of film hardness by pencil test (GB/T 6739-2006, ISO 15184: 1998, IDT)

QB/T 1877 Tinsplate prints for the packing and decoration

QB/T 2763 Coated tinsplate (or ECCS)

3 Terms and definitions

Following terms and definitions apply to this standard.

3. 1

aerosol can

Disposable metal container used to contain aerosol products. Aerosol products will be released in the controlled form through valve under per-pressing function during use.

3.2

tinsplate aerosol can

Aerosol can made of thin tinsplate (chrome plate) steel sheet

3.3

three-piece can

Aerosol can composed of can body, top cover and bottom cover

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