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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

BB/T 0034-2017

Replacing BB/T 0034-2006

Aluminium ROPP closure

铝防盗瓶盖

(English Translation)

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Foreword

This standard is drafted in accordance with the rules given in GB/T 1.1-2009 "Standardization Work Guide Part 1. Standard Structure and Compilation".

This standard replaces BB/T 0034-2006 "Aluminum Anti-counterfeit Cap", compared with BB/T 0034-2006 "Aluminum Anti-counterfeit Cap", except for editorial repair in addition, the main technical changes are as follows.

---The standard name has been changed and modified to aluminum anti-theft caps;

--- Added normative references;

--- Removed the embedded pad, drop liner, molded pad terminology, added padded aluminum anti-theft cap and inner stopper aluminum anti-theft cap the term;

--- Removed the product classification method according to the cap liner structure; the product classification added a bottle cap according to the sealing form and filling sterilization Class way

---Modified the standard bottle mouth for the bottle cap;

---In the appearance of the sensory quality requirements without foreign matter, no odor, the appearance requirements have been partially modified;

---Modified the dimensional accuracy requirements of the cap;

--- Physical properties of the outer surface coating film hardness was modified;

--- Increased coating film, pattern adhesion and inspection methods in physical properties;

--- Increased resistance to high and low temperature performance and inspection methods in physical properties;

--- Revised the test method for alcohol resistance;

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--- Increased bactericidal performance and testing methods in physical properties;

--- Increased package performance and inspection methods in physical properties;

--- Modified the opening torque;

--- Added anti-theft performance and inspection methods to the functional characteristics;

--- Increased the anti-reverse irrigation and outflow speed performance requirements and inspection methods of the inner stopper cap;

---Modified the hygienic performance and inspection method, incorporating the foreign matter and odor requirements of the original hygienic performance into the appearance and sensory of the cap Claim;

--- Revised the factory inspection and type inspection content;

--- Added an appendix to the standard of the bottle stopper.

This standard was proposed by the China Packaging Federation.

This standard is under the jurisdiction of the National Packaging Standardization Technical Committee (SAC/TC49).

This standard was drafted. Shandong Li Peng Co., Ltd., Haipu Manufacturing Co., Ltd., Shuyang County Chengda Manufacturing Co., Ltd., Hainan Coconut Island Cover Factory, National Packaging Product Quality Supervision and Inspection Center (Guangzhou).

1 Scope

This standard specifies the terms and definitions, product classifications and specifications for aluminum anti-theft caps for packaging, such as alcohol, soft drinks, health products, and condiments.

Requirements, test methods, inspection rules and marking, packaging, transportation and storage.

This standard applies to aluminum sheet coated products, liners or plastic molded articles such as polyethylene, polystyrene, polycarbonate, etc.

Aluminum anti-theft cap (hereinafter referred to as cap). Bottle caps for packaging of other products such as pharmaceuticals and cosmetics can be implemented with reference to this standard.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this

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document.

GB/T 191 packaging storage and transportation icon GB/T 2828.1. Sampling and sampling procedures - Part 1 . Batch-to-batch sampling plan searched by the acceptance quality limit (AQL) GB/T 2829 Cycle Inspection Counting Sampling Procedures and Tables (Applicable to Inspection of Process Stability) GB/T 6739 Paint and varnish pencil method for determination of film hardness GB/T 9286 color and varnish paint film cross-cut test GB/T 17449 packaging glass container threaded bottle mouth size GB/T 24694 glass container white wine bottle

3 Terms and definitions

The following terms and definitions apply to this document.

Made of coated aluminum sheets and liners or coated aluminum sheets and plastic parts, glass parts, and threaded bottle mouth seals, can not be restored after opening Bottle cap.

Aluminum anti-theft cap made of aluminum cylinder and gasket. The gasket includes an insert gasket, a drip gasket, and a molded gasket.

Aluminum anti-theft cap made of aluminum tube and plastic parts and glass parts.

4.1 Product Classification

4.1.1

According to the sealing form, it is divided into a padded bottle cap and an inner plug cap; the structure of the padded cap is shown in Figure 1a), and the inner cap is shown.

The intention is shown in Figure 1b).

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