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ICS 55.040
CCS A 82

BB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

BB/T 0024-2004

Replacing BB/T 0024-2004

Stretch wrap films for transport packaging

运输包装用拉伸缠绕膜

(English Translation)

Issued on: April 30, 2018 **Implemented on: September 1, 2018**

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces BB/T 0024-2004 "stretch-wrap film for transport packaging".

Compared with BB/T 0024-2004, the main technical contents of this standard are changed as follows.

---Adding machine wrapping film is divided into pre-stretching machine wrapping film and stretch film stretching film, hand wrapping film is divided into front pre-stretching hand Product classification of stretch film and common hand wound film (see Chapter 4);

--- Removed the three types of products such as "tackifying, layer, color" (see Chapter 4, Chapter 4 of the 2004 edition);

--- Increased the technical requirements for the tensile force, elongation at break and puncture resistance of the stretch film for pre-stretching machines (see Table 3 in Chapter 5);

--- Revised the technical requirements for permanent deformation and elastic recovery of ordinary hand-wrapped film (see Table 3 in Chapter 5, Table 5 in Chapter 5 of the 2004 edition);

--- Removed the upper limit of the transverse breaking force of the hand wrapping film (see Table 3 in Chapter 5, Table 3 in Chapter 5 of the 2004 edition);

--- Remove the technical requirements for light transmittance, haze and water vapor transmission (Table 3, Chapter 5, 2004);

--- Increased the factory inspection requirements for tensile breaking force, elongation at break and viscosity (see 7.1.1);

--- Revised Appendix A Viscosity Test Equipment (see Appendix A, 2004 Edition Appendix A);

--- Removed Appendix D and edited its contents into the body (see 6.4.5, 2004 Edition

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Appendix D).

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. Xiamen Jufu Plastic Products Co., Ltd., China Packaging Research and Testing Center, and Haotiancheng Packaging Technology Co., Ltd.

Limited company, Guangdong Shicheng Plastic Machinery Co., Ltd., Jinan Languang Electromechanical Technology Co., Ltd., Xiamen Baiqiang Technology Co., Ltd.

1 Scope

This standard specifies the product classification, requirements, test methods, inspection rules and the tensile stretch film for transport packaging (hereinafter referred to as the stretch film).

Marking, packaging, transportation and storage.

This standard is applicable to stretch-wound film which is produced by using polyolefin plastic as main raw material and is used for non-direct contact with food and transportation packaging.

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 document.

GB/T 191 packaging storage and transportation icon Determination of tensile properties of plastics - Part 3. Test conditions for films and sheets GB/T 2035 plastic terminology and its definition GB/T 2828.1. Sampling and sampling procedures - Part 1 . Batch-to-batch sampling plan searched by the acceptance quality limit (AQL) Standard environment for GB/T 2918 plastic sample conditioning and testing GB/T 4122.1 Packaging terminology Part 1. Basics GB/T 6672 Plastic film and sheet thickness determination mechanical measurement

3 Terms and definitions

The following terms and definitions established in GB/T 2035 and GB/T 4122.1 apply to this document.

Viscous cling

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Adhesion between the two films in a stretched or unstretched state of the stretch film.

Elastic recovery the stretched film maintains the state for a certain period of time after stretching a certain ratio, and the ratio of the recovered size to the original size after release is expressed as a percentage.

Said.

Permanent deformation the ratio of the length of the stretched film to the original length after release after stretching a certain ratio, expressed as a percentage.

F force value Fforcevalue the maximum tensile force of the stretch film at a predetermined elongation.

Tension maintains stressretention the ratio of the tensile force to the F-force value of the stretched film after a certain ratio is stretched for a certain period of time, expressed as a percentage.

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