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

GB/T 16958-2008

Replacing GB/T 16958-1997

Biaxially oriented polyester film for package

包装用双向拉伸聚酯薄膜

(English Translation)

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Foreword

This revised standard adopts ISO 15988:2003 "Plastics film and sheeting biaxially oriented polyester film." this standard and ISO 15988:2003 as compared to the main differences are as follows.

- Test method standards are the national standard;
- Thickness deviation is divided into two different levels;
- Remove the inner diameter of the film roll deviation requirements;
- Increased requirements for film roll length, the number of joints and the length of each segment;
- Increased gloss, friction coefficient of the project;
- "Thermal stability" Project name to "heat shrinkage rate";
- Improve the performance of some of the projects;
- Increased inspection rules and provisions of the transport and storage.

This standard replaces GB/T 16958-1997 "packaging biaxially oriented polyester film." this standard compared with GB/T 16958-1997, the main changes are as follows.

- Increasing the classification;
- Remove the original Standard Appendix A, the oxygen permeability coefficient, water vapor permeability requirements included in the text;
- Modify the grade requirements of the product;
- Modify the sampling plan.

The standard proposed by China Packaging Federation.

This standard by the National Packaging Standardization Technical Committee (SAC/TC49) centralized.

This standard is mainly drafted by. Fuwei Films (Shandong) Co., Ltd. Changzhou Zhong Heng New Materials Co., Ltd., China Packaging Research & Test Heart, China Packaging Federation.

1 Scope

This standard specifies the packaging biaxially oriented polyester film (hereinafter referred to as polyester film) product specifications, requirements, test methods, inspection rules, Signs, packaging, transport and storage.

This standard applies to polyethylene terephthalate resin as the main raw material, two-way stretch technology the system can be used alone or with its His film film composite materials used.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780:1997, MOD) GB/T 1037 plastic film and sheet water vapor permeability test methods Cup method (GB/T 1037-1988, neqASTME96.

1980)

GB/T 1038 plastic film and sheeting gas permeability test pressure method (GB/T 1038-2000, neq ISO 2556.

1974)

GB /1040.3 T Plastics Determination of tensile properties - Part 3. Test conditions for films and sheets (GB/T 1040.3-2006, ISO 527-3:1995, IDT) GB/T 2035 plastic terms and definitions GB/T 2410 transparent plastic light transmittance and haze test GB/T 2828.1 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan (GB/T 2828.1-2003, ISO 2859-1:1999, IDT) GB/T 2918 standard plastic sample conditioning and environmental tests (GB/T 2918-1998, idt ISO 291:1997) GB/T 5009.60 food packaging, polyethylene, polystyrene, polypropylene moldings health standard analytical methods of GB/T 5009.101 food containers and packaging materials in polyester resin and molded article was measured antimony GB/T 6672 plastic film and sheet thickness measurement of the mechanical assay (GB/T 6672-2001, idt ISO 4593:1993) GB/T 6673 Determination of plastic film and sheet length and width (GB/T 6673-2001, idt ISO 4592:1992) GB/T 8807 plastic film and solid plastic

specular gloss test methods GB/T 10006 coefficient of friction of plastic film and sheeting -
Test methods GB 13113 food containers and packaging materials polyethylene
terephthalate moldings health standards GB/T 14216 plastic film and sheet wetting tension
test method (GB/T 14126-1993, eqv ISO 8296. 1987)

3 Terms and Definitions

GB/T 2035 and established in the following terms and definitions apply to this standard.

Polyester resin as the main raw material, after melt extrusion slab, under certain conditions after the longitudinal and transverse stretching in both directions, take to, heat setting and cooling system in the treatment of the film.