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

GB/T 27740-2011

Cast polypropylene (CPP) film

流延聚丙烯(CPP)薄膜

(English Translation)

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Foreword

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

This standard uses redrafted Law Amendment uses ISO 17557:2003 "Plastics film and sheeting cast polypropylene film." this standard and ISO 17557:2003 technical differences and for the following reasons.

- Modify the classification of the product. The surface treatment of particular products, divided by corona or flame treatment and no corona or flame treatment of the film; sealing according to product performance, divided into heat sealing and non-sealing type; according to the product's use, is divided into ordinary Films, aluminum films, films and ordinary cooking retort films.
- Improving the thickness deviation, tensile strength values of the main technical indicators, haze, wetting tension.
- Increasing the number of joint and segment length requirements.
- Chapter VI increased inspection rules.

For ease of use, this standard also made the following editorial changes.

- a) Remove the preface to international standards;
- b) increase the informative Appendix A and Appendix B, in order to guide the use of.

This chapter lists the standard article number and the international standard ISO 17557 in information in Appendix A. Control of a 2003 reg number Lanbiao;

Given the ISO 17557 standard and the informative Appendix B. List of 2003 technical differences and their causes.

Please note that some of the content of this document may involve patents. The issuing authority of this document should not bear the responsibility to identify these patents.

The standard proposed by China National Light Industry Council.

This standard by the National Plastics Standardization Technical Committee (SAC/TC48) centralized.

Drafting of this standard. Foshan Plastics Group Co., Ltd., Zhejiang Great Southeast Packaging Co., Ltd., light industrial plastics Institute of Applied Engineering.

1 Scope

This standard specifies the cast polypropylene film classification, requirements, test methods, inspection rules, marking, packaging, transportation and storage.

This standard applies to the polypropylene resin as the main raw material for general-purpose film cast molding, aluminum films and film for cooking (Hereinafter referred to as "the CPP film").

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 191-2008 Packaging - Pictorial signs (ISO 780:1997, MOD) GB/T 1037-1988 plastic film and sheet water vapor permeability test methods Cup method GB /1040.3-2006 Plastics Determination of tensile properties T - Part 3. Test conditions for films and sheets (ISO 527-3.

1995, IDT)

GB/T 2410-2008 transparent plastic light transmittance and haze GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Programme (ISO 2859-1:1999, IDT) GB/T 2918-1998 standard plastic sample conditioning and environmental tests (idt ISO 291:1997) GB/T 5009.60-2003 food packaging, polyethylene, polystyrene, polypropylene moldings health standard analytical methods of GB/T 6672-2001 plastic film and sheet thickness measurement of the mechanical measurements (idt ISO 4593:1993) GB/T 6673-2001 Determination of plastic film and sheet length and width (idt ISO 4592:1992) GB 9688 food packaging polypropylene moldings health standards GB/T 10006-1988 coefficient of friction of plastic film and sheet measuring method (idt ISO 8295. 1986) GB/T 14216-2008 Determination of plastic film and sheet wetting tension (ISO 8296:2003, IDT) ISO 15106-1:2003 Determination of plastic film and sheet water vapor transmission rate - Part 1. hygrometer method (Plastics-Filmandsheeting-Determinationofwatervapourtransmissionrate-Part 1. Humiditydetectionsen-sormethod) ISO 15106-2:2003 Determination of water vapor transmission rate of plastic film and sheet - Part 2. Infrared detection method (Plastics-Filmandsheeting-Determinationofwatervapourtransmissionrate-Part 2. Infraredde-tectionsensormethod) ISO 15106-3:2003 Determination of plastic film and sheet water vapor transmission rate - Part 3. Electrolysis (Plastics-Filmandsheeting-Determinationofwatervapourtransmissionrate-Part 3.

Electrolytic detection sensor method) Category 3 Sealing properties of the film by 3.1 points
Press the sealing properties of the film into sealing and non-sealing type.