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

中华人民共和国国家标准

GB/T 18915.1-2013

Replaces GB/T 18915.1-2002

Coated glass—Part1: solar control coated glass

镀膜玻璃 第 1 部分：阳光控制镀膜玻璃

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Standardization Administration of PRC**

Contents

| | |
|--|----|
| Foreword..... | 1 |
| 1 Scope..... | 3 |
| 2 Normative references..... | 3 |
| 3 Terms and definitions | 3 |
| 4 Product classification | 4 |
| 5 Requirements..... | 5 |
| 6 Test methods..... | 8 |
| 7 Inspection rules | 14 |
| 8 Packaging, mark, storage and transportation..... | 16 |

Foreword

This Standard is drafted according to the rules specified in GB/T 1.1--2009.

GB/T 18915 *Coated Glass* is divided into two parts:

- Part 1: Solar control coated glass;
- Part 2: Low-emissivity coated glass.

This Part is Part 1 of GB/T18915 *Coated Glass*.

This Part replaces GB/T18915.1--2002 *Coated Glass Part 1: Solar Control Coated Glass*.

Compared with GB/T18915.1-2002, this part has been revised mainly as follows:

- Added and modified definitions of coated glass, solar control coated glass, pinhole, spot, stain and dark strip in terms and definitions;
- Deleted the definitions divided in the terms and definitions;
- Deleted the division of superior product and qualified product of solar control coated glass in the product classification;
- Added solar control coated glass being divided into offline solar control coated glass and online solar control coated glass based on coating process;
- Added Table 1;
- Deleted the edge processing requirements of tempered and semi-tempered solar control coated glass original film;
- Modified the requirements of appearance quality;
- Modified the requirements of optical performance;
- Modified the requirements of color uniformity test, specimen size and batch sampling method of color difference specimen;
- Modified the grinding crack measuring position determined by the abrasive resistance;
- Modified the specimen size determined by the acid resistance and alkali resistance.

This Standard is put forward by China Building Materials Federation.

This Standard is centralized by the National Architectural Glass Standardization Technical Committee (SAC/TC 255).

This Standard is drafted by: National Glass Quality Supervision and Inspection Center, Qinhuangdao Glass Industry Research and Design Institute.

The organizations participating in drafting this Standard are: Weihai Blue Star Glass Holding

Co., Ltd., CSG Holding Co., Ltd., Grand Engineering Glass (Zhongshan) Co., Ltd.

The main drafter of this Standard: Huang Jianbin, Guan Shifeng, Liu Zhifu, Tan Xiaojian, Wei Defa, Wang Shuo, Li Jiangdong, Han Ying and Qi Shumei.

The issuance condition of previous versions of the standard replaced by the Part is:

—— GB/T18915.1—2002.

Coated glass—Part 1: solar control coated glass

1 Scope

This Part specifies terms and definitions, product classification, requirements, test methods, inspection rules and packaging, mark, storage, and transportation of solar control coated glass.

This Part applies to architectural solar control coated glass. Solar control coated glass of other applications can refer to this Part.

2 Normative references

The articles contained in the following documents have become this Part when they are quoted herein. For the dated documents so quoted, all the modifications (Including all corrections) or revisions made thereafter shall be applicable to this Part.

GB/T 2680 Determination of light transmittance, solar direct transmittance, total solar energy transmittance and ultraviolet transmittance for glass in building and related glazing factors

GB/T 5137.1 Test methods of safety glazing materials used on road vehicles Part1: mechanical properties tests

GB/T 6382.1 Flat glass container—Frame-type container and its test method

GB/T 6382.2 Flat glass container—Box-type container and its test method

GB/T 8170 Rules of rounding off for numerical values & expression and judgement of limiting values

GB 11614 Flat glass

GB/T 11942 Colorimetric methods for colour building materials

GB 15763.2 Safety glazing materials in building--Part 2:Tempered glass

GB/T 17841 Heat strengthened glass

JC/T 513 Flat glass packed in wooden cases

3 Terms and definitions

For the purpose of this Standard, the following terms and definitions shall apply.

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