

ICS 37.060.10

CCS N42



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

GB/T 13982-2022

Replacing GB/T 13982-2011

Reflective and transmitting projection screens

反射和透射放映银幕

Issued on: October 14, 2022

Implemented on: May 1, 2023

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part

1. Structure and Drafting Rules of Standardization Documents" drafted. This document replaces GB/T 13982-2011 "Reflection and Transmission Screens". Compared with GB/T 13928-2011, except for structural adjustment In addition to editorial changes, the main technical changes are as follows:

- Changed part of the "scope" (see Chapter 1, Chapter 1 of the.2011 edition);
- Added some terms and definitions (see 3.2, 3.13, 3.18~3.20);
- Changed the "classification" of the screen (see 4.2, 4.2 of the.2011 edition);
- Increased the requirements and test methods for the polarization ratio of the transmission screen (see 5.25.2, 6.24.2);
- Added the requirements and test methods for "restricted substances" (see 5.26, 6.25);
- Changed the brightness coefficient requirements of different types of screens (see 4.2, 5.1.1, 4.2, 5.1.1 of the.2011 edition);
- Added quantitative requirements and test methods for screen "color reproduction" (see 5.5, 6.4);
- "Color temperature difference" in "Reverse (transmitted) light color" is listed as a separate technical requirement, and the requirements are improved (see 5.6);
- Changed the "durability" requirements and test methods (see 5.13, 6.12, 5.12, 6.10 of the.2011 edition);

1 Scope

GB/T 13982-2022 is the Chinese national standard on reflective and transmitting projection screens, in the field of image technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 14 October 2022 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 May 2023. Classification: ICS 37.060.10, CCS N42. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 1040.1-2018 Determination of Tensile Properties of Plastics Part

GB/T 5455-2014 Determination of vertical damage length, smoldering and after-burning time of textile combustion performance

GB/T 24128-2018 Evaluation of the anti-mildew effect of anti-mildew agents for plastics

GB/T 25480 Basic environmental conditions and test methods for transportation and storage of instruments and meters

GB/T 26125-2011 Six restricted substances in electrical and electronic products (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and polybrominated diphenyl ethers) determination of

GB/T 26572-2011 Limitation Requirements for Restricted Substances in Electrical and Electronic Products

GB/T 32200-2015 Screen characteristic parameters and measurement methods FZ/T 60030-2009 Test method for mildew resistance of household textiles

JB/T 6839-2011 Classification of Screens

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 projectionscreens A light-reflecting and transmitting screen with specified optical properties for projection.

Note. referred to as "screen".

3.2 A projection screen that meets the screen resolution (sharpness) of not less than 80 line pairs/mm.

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