

ICS 17.180
CCS N 30



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

GB/T 26332.2-2015

**Optics and photonics -- Optical coatings -- Part 2: Optical
properties**

光学和光子学 光学薄膜 第2部分：光学特性

(English Translation)

Issued on: December 10, 2015

Implemented on: July 1, 2016

Issued by: Standardization Administration of China

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Foreword

GB/T 26332 "Optics and Photonics optical film" is divided into four parts.

--- Part 1. Definitions;

--- Part 2. Optical properties;

--- Part 3. environmental adaptability;

--- Part 4. Test methods prescribed.

This is Part 2 GB/T 26332 of.

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

This section uses the translation method identical with ISO 9211-2:2010 "Optics and photonics optical film - Part 2. Optical properties" (In English).

Consistency correspondence between this part of international documents and normative references of our files are as follows.

--- GB/T 26332.1-2010 optical film and optical instruments - Part 1. Definitions (ISO 9211-1:1994, IDT) this section is proposed and managed by the China Machinery Industry Federation.

This section is drafted. Shenyang Academy of Instrumentation Science Co., Ltd., Zhejiang

University, Dalian Institute of Chemical Physics, Tongji University, Shenyang Bo Optical Company, Hangzhou Keting Optical Technology Co., Ltd., National Instruments Component Quality Supervision and Inspection Center.

1 Scope

GB/T 26332 specifies the application functions in optical components and coating the surface of the substrate made of optical film classification, specification standards Presentation of conventional characteristics and test methods of measurement, but the provisions are not intended to be used plating methods.

This section specifies how to express the optical characteristics of the optical film and shown how its spectral characteristics.

This section does not apply to ophthalmic optics (spectacles) optical 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.

ISO 9211-1 Optics and photonics optical film - Part 1. Definitions
(Opticsandphotonics-opticalcoatings-Part 1. Definitions)

3 Terms and Definitions

Terms and definitions as defined in ISO 9211-1 apply to this document.

4 Express the optical properties of technical indicators

When expressed in optical characteristics Technical indicators shall be given the refractive index of the incident medium and the outgoing media. When the incident angle θ is not 0° or for a when the range, should indicate the incident light polarization. If not specified, it is considered a non-polarized light.

For the full representation of the optical film, optical properties should be expressed in the smallest combination. The optical properties of the optical films. $\tau(\lambda)$, $\rho(\lambda)$, $\alpha(\lambda)$, $D(\lambda)$ and $\Delta\Phi(\lambda)$, the requirements of 6.2 shall be described. Other optical characteristics (such as color or scattering parameters, etc.), by the supply and demand sides Negotiated according to demand.

5 Measurement conditions

Spectral characteristic measurement conditions shall be subject to supply and demand sides agreed. Measurement conditions (including the incidence angle, polarization, spectral range and measuring light Bandwidth, etc.) should be based on the principles and methods of measurement, the measuring instruments used to determine. Measurement conditions should be documented, in order to verify the test.

6.1 Overview

This section provides rules for presentation spectral characteristics of the optical film.