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

GB/T 15488-2010

Replacing GB/T 15488-1995

Colour filter glass

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Foreword

This standard replaces GB/T 15488-1995 "filter glass." This standard and GB/T 15488-1995 compared to the main changes are as follows:

--- According to GB/T 1.1-2000 requirements, the "subject matter and scope" to "range", the "reference standard" was changed to "Normative references", the "terms, symbols" was changed to "terms and definitions." This standard Annex A, Annex B, Annex C is informative appendix. The standard proposed by China Machinery Industry Federation. The standard instrument functional materials by the National Standardization Technical Committee (SAC/TC419) centralized. Drafting of this standard. National Instrument Functional Materials Standardization Technical Committee. The main drafters of this standard. Liuqing Bin, Zhao Guangming, He Ying Lun. This standard replaces the standards previously issued as follows:

--- GB/T 15488-1995. Filter glass

1 Scope

GB/T 15488-2010 is the Chinese national standard on colour filter glass, in the field of glass and ceramics industries. 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 January 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 May 2011. Classification: ICS 81.040.01, CCS N05. 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.

This standard specifies the contents of the technical requirements, test methods and inspection rules filter glass and the like. This standard applies to optical systems for optical glass blanks used in filters.

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 903 colorless optical glass

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 2829 periodic inspection Sampling procedures and tables (suitable for process stability test)

GB/T 6388 transport package shipping mark

GB/T 7962.1 Colourless optical glass test methods - Part 1. refractive index and Abbe number

GB/T 7962.5 Colourless optical glass test methods - Part 5. stress birefringence

GB/T 7962.7 Colourless optical glass test methods fringe detection method

GB/T 7962.20 Colourless optical glass test methods - Part 20. Density

GB/T 15489.1 spectral characteristics of optical glass test methods

GB/T 15489.2 filter glass test methods of bubble

GB/T 15489.3 filter glass test methods cutoff wavelength temperature coefficient

GB/T 15489.4 filter glass test methods color temperature conversion capability

GB/T 15489.6 characteristic fluorescence filter glass test methods

3 Terms and Definitions

The following terms and definitions apply to this standard.

3.1 For selective absorption or transmission spectrum having various colors of optical glass.

3.2 Cut-off filter glass sharp cutoff filter glass Absorption and transmission spectra clear boundaries, the spectral transmittance curve steep waves from the stage, the transmittance

in a very narrow band almost from zero transition To the maximum filter glass.

3.3 Selective absorption filter glass selselectiveabsorbingfilterglass The spectral transmittance curve has a particular peak or trough of filter glass.

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