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

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Organic-electrochromic laminated glass used in buildings

建筑用有机电致变色夹层玻璃

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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 for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Organic electrochromic laminated glass for buildings

1 Scope

This document specifies the requirements, test methods, inspection rules, and packaging, marking, transportation and Storage.

This document applies to the design, production and delivery of organic electrochromic laminated glass for architectural use.

2 Normative references

GB/T 191

GB/T 2680

GB/T 5137.2

GB/T 5137.3-2020

GB/T 11942

GB 15763.3

GB/T 42788-2023

3 Terms and Definitions

The terms and definitions defined in GB 15763.3 and GB/T 42788-2023 and the following apply to this document.

3.1 organic-electrochromic film

A film in which the organic color-changing dielectric material undergoes a reversible electrochemical reaction under the action of an external electric field and exhibits a change in spectral transmittance.

[Source: GB/T 42788-2023, 3.4, with modifications]

3.2

A laminated glass product having at least one layer of organic electrochromic film (3.1) in its structure and capable of achieving spectral transmission change.

3.3 bleached state

Under given control conditions, the visible light transmittance of electrochromic glass reaches the highest state. [Source. JC/T 2631-2021, 3.3]

3.4 tintedstate

Under given control conditions, the visible light transmittance of electrochromic glass reaches the lowest state.