

ICS 45.060
CCS S 30



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

GB/T 47267-2026

**Railway applications - Windows for rolling stock - Bodyside
windows**

轨道交通 机车车辆车窗 侧窗

(English Translation)

Issued on: March 31, 2026

Implemented on: October 1, 2026

Issued by: State Administration for Market Regulation

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is modified to adopt ISO 22752:2021 "Railway application of side windows for locomotive and rolling stock".

This document has undergone significant structural adjustments compared to ISO 22752:2021. A table comparing the structural numbering changes between the two documents is provided.

See Appendix A.

This document differs significantly from ISO 22752:2021. The relevant clauses are indicated in vertical margins.

Single lines (I) are marked. A summary of these technical differences and their reasons can be found in Appendix B.

The following editorial changes have been made to this document.

---To align with existing standards, the standard name has been changed to "Side Windows of Rail Transit Locomotives and Rolling Stock";

---Sources for terms and definitions have been removed;

---The term "glass materials" has been supplemented with a note to clarify the types of glass materials included (see 3.4);

---The term "tempered glass" has had its note deleted (see 3.5);

---The term "edge seal" has had its note (see 3.9) removed;

---The way the content in the tables is presented has been changed (see Tables 1-3 and Table 7);

---The note defining the locking mechanism has been removed (see 5.5.3.2);

---Appendix A (informative) has been added;

---Appendix B (information) has been added;

---The references have been changed.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Railway Administration.

1 Scope

This document specifies the technical requirements for side windows (including glass units or window units and their mounting mechanisms) and interior glass of rail transit locomotives and rolling stock.

Requirements and test methods, inspection rules, marking, packaging, transportation and storage.

This document applies to the side windows and interior glass of railway locomotives, EMUs, passenger cars, and urban rail transit vehicles.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included.

For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies.

This document.

GB/T 191-2025 Packaging and Storage Graphic Symbols GB/T 1173 Cast aluminum alloys
GB/T 1220-2007 Stainless Steel Bars GB/T 2680 Visible light transmittance, direct solar transmittance, total solar transmittance, ultraviolet transmittance and other properties of architectural glass Measurement of window glass parameters when closed GB/T 3191-2019 Aluminum and Aluminum Alloy Extruded Bars GB/T 4237-2015 Hot-rolled stainless steel plates and strips GB/T 5137.1-2020 Test methods for automotive safety glass - Part 1: Mechanical properties tests (ISO 3537:2015, MOD) Note. The content referenced in GB/T 5137.1-2020 is not technically different from the content referenced in ISO 3537:2015.

GB/T 5137.2-2020 Test methods for automotive safety glass - Part 2: Optical performance tests (ISO 3538:1997, MOD) Note. The content referenced in GB/T 5137.2-2020 has no technical differences from the content referenced in ISO 3538:1997.

GB/T 5137.3-2020 Test methods for automotive safety glass - Part 3: Resistance to radiation, high temperature, humidity, flammability and simulated weathering Test (ISO 3917:2016, MOD) Note. The content referenced in GB/T 5137.3-2020 is not technically different from the content referenced in ISO 3917:2016.

GB/T 5137.4-2020 Test methods for automotive safety glass - Part 4: Solar energy properties test GB/T 5237.2-2017 Aluminum Alloy Building Profiles Part 2: Anodized Profiles GB 5237.4-2017 Aluminum Alloy Building Profiles Part 4: Powder Coated Profiles GB/T 7106-2019 Test methods for air tightness, water tightness and wind pressure resistance of exterior doors and windows of buildings GB/T 8484 Test Method for Thermal Insulation Performance of Building Exterior Doors and Windows GB/T 8485 Classification and Test Methods for Airborne Sound Insulation Performance of Building Doors and Windows GB/T 9174 General Technical Requirements for Transport Packaging of General Cargo GB/T 9286-2021 Paints and varnishes - Cross-cut test GB/T 11944 Insulating Glass GB/T 22631-2008 Impact resistance test of vertical components of buildings - Impacting objects and general test procedures (ISO 7892:1988) IDT) GB/T 27568 Rubber sealing strips for doors and windows of rail transit vehicles