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Safety Technical Specification for Glazing Materials
Used in Power-Driven Vehicles
机动车玻璃安全技术规范

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Safety Technical Specification for Glazing Materials Used in Power-Driven Vehicles

1 SCOPE

This Standard specifies the terms and definitions, classification, technical requirements, test methods, and judgment criteria with respect to the safety properties of glazing materials used in power-driven vehicles.

This Standard applies to the glazing materials used in power-driven vehicles, including the vehicles of Categories M, N and O, the vehicles of Category L with a cab, and the special-purpose vehicles for agriculture and forestry.

This Standard doesn't apply to the glazing materials used for lighting and light-signaling devices or instrument panel of power-driven vehicles.

Note: See GB/T 15089 for the classification of vehicles of Categories L, M, N and O.

2 NORMATIVE REFERENCES

The following referenced documents are indispensable for the application of this document. For dated references, only the editions cited apply. For undated references, the latest editions of the normative document (including any amendments) apply.

GB/T 5137.1 Test methods of safety glazing materials used on road vehicles—Part 1: Mechanical properties tests

GB/T 5137.2 Test methods of safety glazing materials used on road vehicles—Part 2: Optical properties tests

GB/T 5137.3 Test methods of safety glazing materials used on road vehicles—Part 3: Radiation, high temperature, humidity, fire and simulated weathering resistance tests

GB/T 5137.5 Test methods of safety glazing materials used on road vehicles—Part 5: Resistant-to-chemical and resistant-to-temperature changes test

GB/T 31849-2015 Film mounted motor vehicle glass

QC/T 1119-2019 Automobile safety glass terminology

3 TERMS AND DEFINITIONS

For the purpose of this document, the terms and definitions given in QC/T 1119-2019 as well as the followings apply. For the convenience of use, some terms and definitions given in QC/T 1119-2019 are duplicated herein.

3.1

Power-driven vehicle

any dynamically propelled or towed wheeled vehicle which, running on roads, is intended for carrying passengers and/or goods or for undertaking special engineering operations

3.2

Safety glazing material

transparent material consisting of organic and/or inorganic materials so treated or compounded to effectively reduce the likelihood of injury to persons when used in a vehicle and which has specific visibility, strength, and durability

[QC/T 1119-2019, Definition 2.1.1]

3.3

Glazing materials used in power-driven vehicles

safety glazing material installed in power-driven vehicles and intended for providing field of view for driver and passengers, natural lighting, separating room in the compartment, or other functions



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