

JC

**BUILDING MATERIALS INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JC/T 673-1997

**Performance test method for electric heating glass of rear auto
window**

汽车后窗电热玻璃性能试验方法

(English Translation)

Issued on: August 5, 1997

Implemented on: January 1, 1998

Issued by: State Bureau of Building Materials Industry

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Foreword

This document was issued on 5 August 1997 by the State Bureau of Building Materials Industry, and has applied since 1 January 1998.

It is a JC/T standard: a recommended industry standard of China's building materials industry, which covers glass.

1 Scope

This standard specifies the test methods for transmittance, opacity rate, resistance to cleaning agent, welding strength of electric insert, bending resistance of electric insert, power, defrosting efficiency, overvoltage resistance, hot spot temperature, electrothermal impact resistance, salt spray resistance, wear resistance of electric heating wire, moisture resistance, durability, impact resistance and fragment state of electric heating glass for automobile rear windshield, and is applicable to performance testing and design verification of various types of automobile electric heating glass.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, all editions cited are valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

GB 776-76 Electrical indicating measuring instruments - General specification

JC/T 632-1996 Road vehicles - Safety glazing materials - Terminology

GB 5137.1-1996 Road vehicles - Safety glazing materials - Test methods for mechanical properties

GB 5137.2-1996 Road vehicles - Safety glasses - Test methods for optical properties

3 Terms

3.1

opacity rate

ratio of the opaque area caused by electric heating wire to the area of the entire heating zone on the electric heating glass

3.2

heating zone

a closed surface formed by the topmost and the nethermost electric heating wires and one of the left and right bus bars respectively

3.3

electric insert

a metal sheet that is welded to the bus bar of the electric heating glass and connected to power supply