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

GB/T 32085.2-2015

Automobiles -- Cabin air filter -- Part 2: Test for gas filtration

汽车 空调滤清器 第 2 部分：气体过滤测试

(English Translation)

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1 Scope

This part of GB/T 32085 specifies a test comprising several methods for measuring the dynamic gas adsorption of air filters in the passenger compartments of road vehicles.

This Part is applicable to air filters that improve air quality by reducing concentrations of gaseous, odorous or hazardous components from ambient or re-circulated air, or both, in the vehicle cabin.

2 Normative references

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

ISO/TS 11155-1 Road vehicles - Air filters for passenger compartments - Part

1: Test for particulate filtration

ISO 11841-1 Road vehicles and internal combustion engines - Filter vocabulary

- Part 1: Definitions of filters and filter components

ISO 11841-2 Road vehicles and internal combustion engines - Filter vocabulary

- Part 2: Definitions of characteristics of filters and their components

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 11841-1 and ISO 11841-2 and the following apply.

3.1

test airflow rate

Volume of air passing through the test duct per unit time. It is expressed in actual cubic metres per hour (m

/h).

Bibliography

[1] ISO 5011 Inlet air cleaning equipment for internal combustion engines and compressors
- Performance testing

[2] ISO 5167-1 Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 1: General principles and requirements

[3] ISO 12103-1 Road vehicles - Test dust for filter evaluation - Part 1: Arizona test dust

[4] EN 779 Particulate air filters for general ventilation - Determination of the filtration performance

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