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CCS T 40

TCSAE

ASSOCIATION STANDARD

TCSAE 70-2018

The sunlight simulation accelerated aging test method for the passenger vehicle

乘用车整车太阳光模拟加速老化试验方法

(English Translation)

Issued on: March 1, 2018 **Implemented on: March 1, 2018**

Issued by: China Society of Automotive Engineers

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1 Foreword

TCSAE 70-2018 was issued by China Society of Automotive Engineers on 1 March 2018 and took effect the same day.

Some of the elements of this standard may be the subject of patent rights. The issuing authority of this standard shall not be held responsible for identifying any or all such patent rights.

This standard was proposed by the C&AP Committee of SAE-China.

This standard is approved by the Society of Automotive Engineering of China.

This standard is under the jurisdiction of the Society of Automotive Engineering of China.

This standard was issued in March 2018 for the first time.

2 Scope Preview

This standard specifies the test equipment, test samples, test period and conditions as well as test process for the sunlight simulation accelerated aging test for passenger vehicles. It is applicable to the sunlight simulation accelerated aging test for passenger vehicles under the simulated environment conditions in the laboratory.

TCSAE 70-2018 is filed under Chinese Standard Classification T 40, in the field of vehicles.

This catalogue holds 37 other TCSAE standards without an ICS number.

In this catalogue, TCSAE standards carry edition years from 2015 to 2020.

3 Normative references

GB/T 250 - Textiles - Tests for color fastness - Grey scale for assessing change in color

GB/T 1766 - Paints and varnishes - Rating schemes of degradation of coats

GB/T 8424.3 - Textile - Tests for colour fastness - Calculation of colour differences

GB/T 8807 - Test method for specular gloss of plastics

GB/T 9754 - Paints and varnishes - Determination of specular gloss of non-metallic paint films at 20°, 60°and 80°

GB/T 15596 - Plastics - Determination of changes in colour and variations in properties after exposure to daylight under glass, natural weathering or laboratory light sources

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4 About this standard

Issued by: China Society of Automotive Engineers

English translation: about 10 pages

Chinese original: about 15,130 characters

5 Related standards

Standards on related subjects:

QC/T 1029-2016 - Polypropylene (PP) honeycomb board products for automobiles

QC/T 797-2008 - Material identification and marking of automotive plastic, rubber and thermoplastic elastomer parts

6 Classification and status

Chinese Standard Classification (CCS): T 40

Prefix TCSAE: association standard, adopted voluntarily.

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