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

**GB/T 38048.1-2020**

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**Surface cleaning appliances - Part 1: General requirements on  
test material and test equipment**

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## Foreword

GB/T 38048 "Surface Cleaning Appliances" is divided into the following parts.

- Part 1.General requirements for test materials and equipment;
- Part 2.Test methods for the performance of household and similar dry vacuum cleaners;
- Part 3.Test methods for the performance of wet carpet cleaning appliances.

This part is Part 1 of GB/T 38048.

This section was drafted in accordance with the rules given in GB/T 1.1-2009.

This part uses the redrafting method to amend and adopt IEC TS62885-1.2018 "Surface cleaning appliances Part 1.Test materials and equipment

General Requirements for Equipment.

The technical differences between this part and IEC TS62885-1.2018 and the reasons are as follows.

---Regarding normative reference documents, this section has made adjustments with technical differences to adapt to my country's technical conditions and adjustments.

The situation is collectively reflected in Chapter 2 "Normative Reference Documents", and the specific adjustments are as follows.

\* Deleted IEC 62885-2.-(CDV file of.2017 edition);

\* Added reference to GB/T 20291.1-2014;

--- Change the reference to "IEC 62885-2.-5.3 and 6.2" in 4.2.2 to see Appendix B and Appendix C;

--- Change the reference "IEC 62885-2.-5.3" in 5.2 to "in accordance with Appendix B";

---The specific contents related to this part in the normative reference document IEC 62885-2.-(2017 edition CDV file) in the international standard

Content as an additional normative Appendix B and Appendix C.

This section also made the following editorial changes.

---In accordance with the requirements of GB/T 1.1-2009, the compilation of the "Scope" chapter was standardized.

This part was proposed by the China National Light Industry Council.

This part is under the jurisdiction of the National Household Appliances Standardization Technical Committee (SAC/TC46).

Drafting organizations of this section. China Household Electrical Appliances Research Institute, Jiangsu Midea Cleaning Appliance Co., Ltd., Wanyuan Zhongxiang Alliance Technology (North

Beijing) Co., Ltd., Lake Electric Co., Ltd., Tianke Intelligent Technology Co., Ltd., Suzhou Lvchuang Testing Technology Service Co., Ltd.

## 1 Scope

This part of GB/T 38048 specifies the test equipment and materials used for the general test of some products in the "surface cleaning appliance" series of standards.

The physical properties of the material. In addition, this section provides guidance on the evaluation of Wilton and other types of carpets to determine their suitability for testing.

Receptivity.

This section applies to materials and equipment used in the test of surface cleaning appliances.

Note. This section only involves Wilton carpets and their treatment.

## 2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this article

Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 20291.1-2014 Household vacuum cleaner Part 1.Dry vacuum cleaner performance test method (IEC 60312-

1.2010, IDT)

ISO 1763 Carpets-Determination of the number of tufts and/or loops per unit length and unit area

numberoftuftsand/orloopsperunitlengthandperunitarea)

ISO 1765.Determination of the thickness of woven floor coverings

(Machine-madetextilefloorcoverings-Determinationof

thickness)

ISO 1766 Determination of the pile thickness on the base fabric of the floor covering

(Textilefloorcoverings-Determinationof

thicknessofpileabovethesubstrate)

ISO 1833 Textiles Binary Fibre Mixtures Quantitative Chemical Analysis

(Textiles-Binaryfibremixtures-Quanti-

tativechemicalanalysis)

ISO 2060 Determination of normal linear density of yarn skein of textile package (mass per unit length) [Textiles-Yarnfrompacka-

ges-Determinationoflineardensity(massperunitlength)bytheskeinmethod]

ISO 2061 Textiles-Determinationoftwistinyarns-Determination of Twist

Directcountingmethod)

ISO 2424 Textile floor coverings-Vocabulary (Textilefloorcoverings-Vocabulary)

ISO 6989 Textile fiber short fiber length and length distribution determination (single fiber measurement method) [Textilefibres-Determi-

nationoflengthandlengthdistributionofstaplefibres(bymeasurementofsinglenfibres)]

ISO 8543 Textile floor coverings-Methodsford etermination of

mass)

BS4223 Method for determination of structural details of yarn and fleece floor coverings

(Methodsfordeterminationofconstructionaldetails

ofcarpetswithyarnpile)

BS8459 Test method of extractable matter in textile materials (Determinationofextractable  
matterintextiles-Method)

### **3 Terms and definitions**

The following terms and definitions apply to this document.

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