

ICS 59.140.35

**QB**

**LIGHT INDUSTRY STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**QB/T 1619-2018**

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**Wallet  
(English Translation)**

**Issued on: May 8, 2018**

**Implemented on: September 1, 2018**

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**Issued by: Ministry of Industry and Information Technology of PRC**

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### 1 Scope

This standard specifies the terms and definitions, product classification, requirements, test methods, inspection rules, markings, packaging, transportation and storage of wallet.

This standard applies to all kinds of wallet which are made from leather, fur, artificial leather/synthetic leather, regenerated leather, textile, and so on. The cellphone cover may make reference to it.

### 2 Normative references

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this standard.

GB/T 251 Textiles - Tests for color fastness - Grey scale for assessing staining

GB/T 2912.1 Textiles - Determination of formaldehyde - Part 1. Free and hydrolyzed formaldehyde (water extraction method)

GB/T 17592 Textiles - Determination of the banned azo colorants

GB 19340 Adhesives for footwear and case and bag

GB/T 19941 Leather and fur - Chemical tests - Determination of formaldehyde content

GB/T 19942 Leather and fur - Chemical tests - Determination of banned azo colorants

GB 20400 Leather and fur - Limit of harmful matter

GB 21550 The restriction of hazardous materials in polyvinyl chloride artificial leather

GB/T 22889 Leather - Physical and mechanical tests - Determination of surface coating thickness

Snaps

The fittings that have open/close function.

3.5

Frame

The metal mouth inlayed at the opening.

## 4 Product classification

### 4.1

It is classified into the wallets made from leather, fur, regenerated leather, artificial leather/synthetic leather, textile and other materials by the surface layer material.

### 4.2

It is classified into frame wallet, suit wallet, wallet, certificate wallet, key case, name card holder, and so on (the common wallet and part schematics are as shown in Appendix A) by types.

## 5.1 Raw materials and fittings

It is selected in accordance with relevant product standards.

## 5.2 Limit of harmful substance

The limit of harmful substance of leather, fur, regenerated leather, and textile material shall comply with the provisions of Table 1, the limit of harmful substance of PVC artificial leather shall comply with the provisions of GB 21550, the limit of harmful substance of adhesives used in wallet shall comply with the provisions of Table 2.

Table 1 -- Limit of harmful substances of leather, fur, regenerated leather, and textile materials

In milligram per kilogram

Item Limit value

Free formaldehyde,  $\leq 75$

Decomposable harmful aromatic amine dye,  $\leq 30$

**Note:** The name of the forbidden aromatic amine is as shown in Appendix A in GB 20400. If the content of the 4-aminobiphenyl and 2-aniline exceeds 30 mg/kg, and there is no other evidence, it cannot judge whether the forbidden azo dye is used based on the currently available knowledge.

one test, totally 200 tests are performed, respectively.

## 6.5 Zipper durability

Select 20 cm length zipper to perform test at the frequency of  $(20 \pm 1)$  time/min, one opening plus one closing form one test, totally 200 tests are made. If the zipper length is less than 20 cm, perform test within the maximum length range of the zipper.

## 6.6 Hardware fitting corrosion resistance

It is tested in accordance with QB/T 3826 (excluding riveted piece, metal chain tooth), the test time is 16 h. Only the zipper pull of the zipper head is evaluated.

## 7.1 Batching

The products of the same type and same specification which are produced by the same type of raw materials in accordance with the same production process form one inspection batch.

## 7.2 Exit-factory inspection

Each batch of products shall be subject to appearance inspection one by one, which can only be exit-factory after being inspected and qualified.

## 7.3 Conventional type inspection

Under one of the following cases, it shall randomly take 3 products from those which passes exit-factory inspection for conventional type inspection.

- a) In case of major change of product structure, process, and material;
- b) In case of production restoration after 6-month suspension;
- c) In case of national quality technical supervision institute proposes type inspection;
- d) In case of normal production, at least 1 type inspection is made every 6 months.

## 7.4 Special type inspection

It is performed in accordance with the provisions of Appendix C.

## 7.5 Decision rules

### Appendix B (Normative)

#### Test methods for color fastness to rotatory rubbing

### B.1 Test environment

The specimen shall be placed in a standard environment of temperature  $(20 \pm 2) ^\circ\text{C}$  and relative humidity  $(65 \pm 4)\%$  for conditioning for at least 24 h, the test shall also be performed at this temperature and humidity conditions.

#### B.2.1 Rotatory rubbing testing machine

It shall contain the following parts.

- Test bench (preferably metal), which can fix the specimen;
- Vertical rotatory shaft, which is used to fix the circular felt, the rotation speed is  $(150 \pm 5)$  r/min;
- Apply the  $(24.5 \pm 0.5)$  N or  $(7.1 \pm 0.2)$  N to the rotating circular felt;
- Counter.

#### B.2.2 Test material

Circular combed felt, with holes at middle part, which shall comply with the following requirements.

- Outer diameter  $(25 \pm 1)$  mm, inner diameter  $(3.0 \pm 0.5)$  mm;
- Thickness, which is measured in accordance with the provisions of Table B.1;
- Density  $(190 \pm 20)$  kg/m<sup>3</sup>.

Table B.1 -- Felt thickness test method

| Thickness/mm  | Downward pressure/pressure foot size  | Sample                             |
|---------------|---------------------------------------|------------------------------------|
| $6.5 \pm 0.5$ | $(49 \pm 5)$ kPa/ $(10 \pm 1)$ mm     | Cut felt or sheet material not cut |
| $5.0 \pm 0.5$ | $(2.0 \pm 0.2)$ kPa/ $(19 \pm 10)$ mm | Cut felt                           |

### B.3 Specimen preparation

The requirements are as follows.

- When the sample can be flatly fixed onto the test bench, it may directly use the sample to