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

QB/T 5247-2018

**Hardware fitting of case and bag - Test method for durability of
plastic buckle**

箱包配件 塑料插扣耐用性能试验方法

(English Translation)

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Foreword

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

This Standard was proposed by China National Light Industry Council.

This Standard shall be under the jurisdiction of National Technical Committee on Leather Industry of Standardization Administration of China (SAC/TC 252).

The drafting organizations of this Standard: Dongguan Hengyu Instrument Co., Ltd., National Leather Products Quality Supervision and Inspection Center (Guangzhou), Huizhou Quality Metrology Supervision and Inspection Institute of Guangdong Province, China Leather and Footwear Industry Research Institute, Guangzhou Quality Supervision and Inspection Institute.

This Standard is issued for the first time.

1 Scope

This Standard specifies the principle, devices, test methods, results representation and test report of the durability test for plastic buckle.

This Standard is applicable to the test of plastic buckles for case and bag, clothing.

2 Principle

Simulate the use of the specimen. Reciprocate opening-closing to the specified number of times at a certain frequency. Check the quality of the plastic buckle.

3.1 Plastic buckle durability testing machine

It shall include the components specified in 3.1.1 to 3.1.3.

3.1.1

The test device (see Figure 1 for the schematic diagram) consists of two sets of specimen holders on the left and right. The left specimen holder is used to secure the upper part of the buckle. It can also periodically press the positioning piece of the buckle (left and right position or upper position). The right specimen holder is used to fix the lower part of the buckle. It also makes the lower part do reciprocating forward and withdrawing motion. The left and right specimen holders cooperate with each other, so that the upper and lower parts of the buckle do horizontal reciprocating opening-closing movement, and the movement frequency is adjustable.