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Case and bag –

Test method for resistance to fatigue of pull rod

箱包 拉杆耐疲劳试验方法

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Foreword

This Standard was proposed by China Light Industry Federation.

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

The drafting organizations of this Standard: Guangdong Footwear Product Quality Supervision and Inspection Station, Zhongshan Crown Leather Co., Ltd., Guangzhou V-goal Hand Bag Co., Ltd., and Ming Yu Electronic Technology Co., Ltd..

Main drafters of this Standard: Zhong Xihao, Huang Xiaogang, Lin Jiezhen, Jiang Yongxiong, Yu Xinglong, and Zhan Zhiyi.

This Standard is issued for the first time.

Introduction

Traveling cases and bags are essential supplies for traveling. As one of the main components of luggage, pull rod's quality has great impact on service life of cases and bags. Since there is no uniform inspection method for pull rod in China for a long time, this Standard is formulated to meet the needs of production and market, and effectively monitor the product quality.

Case and bag –

Test method for resistance to fatigue of pull rod

1 Scope

This Standard specifies a test method for resistance to fatigue of pull rod of traveling cases and bags.

This Standard is applicable to pull rods of various traveling cases and bags.

2 Principle

Under certain pulling and pressing frequency, inspect pull rod's reciprocating fatigue properties, pull rod's structure fastness and switch's durability, by continuously switching, pulling back and forth, and pressing pull rod lock and pull rod.

3 Device

3.1 Pull rod reciprocating fatigue testing machine

The pull rod reciprocating fatigue testing machine shall contain the parts stipulated in 3.1.1~3.1.8.

3.1.1 Sample fixing holder of which the size is adjustable.

3.1.2 Pull rod clamp holder.

3.1.3 Pull rod movement device of which the reciprocating movement is allowed, movement speed and stroke are adjustable.

3.1.4 Support frame of which the height is not less than 1500 m, equipped with pull and pressure stroke guide.

3.1.5 Pull rod switch device.

3.1.6 Counter for recording movement times.

3.1.7 Force-value recording device for recording the force-value required by pull rod during the process of pulling and pressing.