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

GB/T 25162.2-2010

**Sacks -- Drop test -- Part 2: Sacks made from thermoplastic
flexible film**

包装袋 跌落试验 第2部分：热塑性软质薄膜袋

(English Translation)

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Foreword

GB/T 25162 "bag drop test" is divided into two parts.

- Part 1. paper bag;
- Part 2. thermoplastic flexible film bag.

This is Part 2 GB/T 25162 of.

This part identical with ISO 7965-2:1993 "bag drop test - Part 2. thermoplastic flexible film bag" (in English).

For ease of use, this standard made the following editorial changes.

- a) As used in place of a decimal point, " ";
- b) Remove the preface to the international standards;
- c) a reference document by the GB/T 4857.2 instead of ISO 2233:2000.

This part of the Annex A, Annex B, Annex C is informative appendix.

This part of the National Packaging Standardization Technical Committee (SAC/TC49) and focal points.

This section drafted by. China Packaging Research & Test Center, Mechanical Science Research Institute, China Packaging Federation.

1 Scope

This section GB/T 25162 specifies the test side by vertical impact drop method of Full thermoplastic flexible film bag law. This method can be used not only on the vertical impact

study thermoplastic flexible film bag of single tests can also be used as a measurement of the thermoplastic soft Quality film bag containing the dangerous impact of vertical circulation system, an integral part of a series of resistance tests.

This section specifies the content of the test equipment, test procedures and test reports.

This section only applies to soft thermoplastic film bags.

2 Normative references

The following documents contain provisions which, through GB/T 25162 in this part of the reference in terms of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 4857.2 Transport packages temperature and humidity conditioning (GB/T 4857.2-2005, ISO 2233:2000, MOD) ISO 7023 bags empty bag inspection and sampling methods Principle 3 After a rigid plane above the lift bag full release of its free fall on the plane. Atmospheric conditions during the test, the drop height Degree and location of the package are pre-configured.

4 Test Equipment

Drop test equipment required in Appendix A in Fig.

4.1 Lifting device

Test samples are not damaged during lifting or release test sample.

4.2 Support means

Means for supporting the test sample prior to release should make the test sample in a predetermined position.

Supporting the test sample different methods, such as the test sample from the upper end of its lifting, or from the bottom to hold up, the impact on test samples Role circumstances vary widely. Thus supporting method test samples shall be stated in the test report.

4.3 Release device

The device should enable the test sample before releasing the whereabouts strike impact table is not touching any part of the device fall freely.

4.4 Impact mesa

It should have a certain level of quality rigid, so as not to move during the test, no deformation.

Typically, the impact should table.

a) block, its quality should be at least 50 times the most important test of the quality of the bag;

b) a flat, table height difference between any two points on the horizontal must not exceed 2mm;

c) strong, static load 10kg placed on any area of 100mm^2 table, the deformation should not exceed 0.1mm;