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

GB/T 25162.1-2010

Packaging -- Sacks-test -- Part 1: Paper sacks

包装袋 跌落试验 第1部分：纸袋

(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 1 GB/T 25162 of.

This part identical with ISO 7965-1. 1984 "bag drop test - Part 1. Paper bags" (in English).

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

- a) Remove the preface to international standards;
- b) references GB/T 4857.5-92 instead of ISO 2248;
- c) use a decimal point instead of a comma as the decimal point, " ";
- e) The standard of "Figure A.1 ~ Figure B.1" correspond to international standards "FIGS. 2 to 4." 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 method drop method of vertical impact, filled paper bag. This method can for research on the impact of vertical bags of single tests also

may be tested in a paper bag containing vertical shock hazard circulation system an integral part of the series resistance tests.

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

This section is in GB/T 4857.5 on the basis of established, but only for the paper bag.

2 Normative references

The following documents contain provisions which, through reference GB/T 25162 in this section constitute provisions 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 4857.5 packaging transport package drop test method (GB/T 4857.5-1992, eqv ISO 2248. 1985) ISO 6599-1 bag test conditions - Part 1. Paper bags 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

Example drop test equipment required in Appendix A.

4.1 Lifting device

In the release process can not enhance or damage the test sample.

4.2 Support means

Means for supporting the test sample prior to release should make the test sample in a predetermined position. 1)

4.3 Release device

The device should enable the release of the test sample drop shock struck the table (4.4) before touching any part of the device does not drop freely.

4.4 Impact mesa

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

1) supporting the test sample of different methods, such as the test sample from the upper

end of its lifting, or from the bottom to hold up, the role of the impact test samples situations difference not great. Thus supporting method test samples shall be stated in the test report.

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 $1000 \times 1000 \text{ mm}^2$ table, the deformation should not exceed 0.1mm;

d) the area should be sufficient to ensure that the test sample is completely fall within the impact surface.