
Cylindrical cork stoppers — Physical tests —

Part 2:
Determination of mass and apparent density for agglomerated cork stoppers

Bouchons cylindriques en liège — Essais physiques —

Partie 2: Détermination de la masse et de la masse volumique apparente des bouchons de liège agglomérés



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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 9727-2 was prepared by Technical Committee ISO/TC 87, *Cork*.

This first edition of ISO 9727-2, together with the other parts of ISO 9727:2007, cancels and replaces ISO 9727:1991, which has been technically revised.

ISO 9727 consists of the following parts, under the general title *Cylindrical cork stoppers — Physical tests*:

- *Part 1: Determination of dimensions*
- *Part 2: Determination of mass and apparent density for agglomerated cork stoppers*
- *Part 3: Determination of humidity content*
- *Part 4: Determination of dimensional recovery after compression*
- *Part 5: Determination of extraction force*
- *Part 6: Determination of liquid tightness*
- *Part 7: Determination of dust content*

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Cylindrical cork stoppers — Physical tests —

Part 2

Determination of mass and apparent density for agglomerated cork stoppers

1 Scope

This part of ISO 9727 specifies a test method for

- measuring the mass of cylindrical cork stoppers ready for use or semi-worked, totally or partially made of agglomerated cork, and
- calculating the apparent density of cylindrical cork stoppers ready for use or semi-worked, totally made of agglomerated cork.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 633, *Cork — Vocabulary*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 633 and the following apply.

3.1

apparent density of a cylindrical cork stopper

quotient between the measured mass of the stopper and its calculated volume

4 Apparatus

- 4.1 Balance**, with a resolution inferior or equal to 0,01 g.

5 Test conditions

5.1 Environment

The test shall be carried out in an environment with the following characteristics:

- temperature $21\text{ °C} \pm 4\text{ °C}$;
- relative humidity of air $60\% \pm 20\%$.