INTERNATIONAL STANDARD

ISO 9727-7

First edition
2007-05-15

Cylindrical cork stoppers — Physical tests —

Part 7:
Determination of dust content

Bouchons cylindriques en liège — Essais physiques —

Partie 7: Détermination de la quantité de poussières

Reference number
ISO 9727-7:2007(E)

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Published in Switzerland

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 9727-7 was prepared by Technical Committee ISO/TC 87, *Cork*.

This first edition of ISO 9727-7, 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*

Cylindrical cork stoppers — Physical tests —

Part 7:
Determination of dust content

1 Scope

This part of ISO 9727 specifies a test method for determining the dust content of a cylindrical cork stopper.

It is applicable to all types of cylindrical cork stoppers ready for use, intended to be completely inserted in the bottle neck (straight cork stoppers).

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
straight cork stopper
«*ras de bague*»
stopper which is completely introduced in the bottle neck, its superior end reaching the top border of the bottle

4 Materials

4.1 Ethanolic solution (10 %), prepared with demineralised water and previously filtered through a membrane of 1,2 µm porosity.

5 Apparatus

5.1 Conical flask, of 500 ml capacity, with a bottom diameter of at least 100 mm.

5.2 Orbital stirrer, allowing to reach a rotational frequency between 140 r/min and 160 r/min.

5.3 Glass or stainless-steel filter, fixed to a vacuum device.

5.4 Membranes and oven, to dry them.