INTERNATIONAL STANDARD

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Composition cork — Specifications, sampling, packaging and marking

Aggloméré composé de liège — Spécifications, échantillonnage, emballage et marquage

Reference number
ISO 4714:2000(E)

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Foreword

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

International Standard ISO 4714 was prepared by Technical Committee ISO/TC 87, *Cork*.

This second edition cancels and revises the first edition (ISO 4714:1986), which has been technically revised. The classification of composition cork and the behaviour in boiling hydrochloric acid have been removed.

Introduction

Composition cork is a material with many different compositions and applications.

This International Standard gives the specifications required to provide its minimum characterization.

Performance requirements related to an intended use are specified in relevant International Standards.

Composition cork of low thickness may be obtained as such by direct compression or may be obtained either by reslicing blocks or by unwinding and cutting cylindrical rolls.

Composition cork — Specifications, sampling, packaging and marking

1 Scope

This International Standard establishes the minimum requirements for agglomerated composition cork in the sheet form and specifies the requirements for sampling, packaging and marking.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 633, *Cork — Vocabulary.*

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection.*

ISO 7322, *Composition cork — Test methods.*

3 Terms and definitions

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

3.1
composition cork
agglomerated composition cork
product obtained from the agglutination of cork granules with the addition of a binder which is not derived from cork cells

3.2
rubbercork
product manufactured as a compound of cork granules and rubber, which can be used either in the form of granules or as a binder

4 Sampling

From each lot, the number of packages (at least three) and the quantity of material to be taken from the sample shall be in accordance with ISO 2859-1, for the inspection level agreed between parties.

5 Specifications

5.1 Thickness

The thickness of agglomerated composition cork shall be determined in accordance with ISO 7322. The accepted deviations from nominal thickness are indicated in Table 1.

Table 1 — Thickness tolerances

Thickness mm	Tolerance %
$\leqslant 3$	± 15
> 3	$^{+15}_{0}$

5.2 Apparent density

The apparent density of agglomerated composition cork shall be determined in accordance with ISO 7322. The minimum value shall be fixed by agreement between parties and shall be declared by the manufacturer.

5.3 Tensile strength

The minimum[1)] tensile strength of agglomerated composition cork, determined in accordance with ISO 7322, shall be at least 200 kPa.

5.4 Compressibility and recovery

The compressibility and the recovery of agglomerated composition cork shall be determined in accordance with ISO 7322. The minimum[1)] value shall be fixed by agreement between parties and shall be declared by the manufacturer.

5.5 Resistance to boiling water

The resistance to boiling water of composition cork shall be determined in accordance with ISO 7322. Test specimens shall not disaggregate.[2)]

6 Packaging

Agglomerated composition cork shall be packed in moisture-resistant packages or palettes which shall ensure transportation to their destination without damage to the product.

1) Minimum value is the average of the results obtained.

2) A test specimen is said to “disaggregate” if it splits open and/or if it shows substantial loss of particles during the test.