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Granulated cork and cork powder — Classification, properties and packing

Granulés et poudre de liège — Classification, caractéristiques et emballage

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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This document was prepared by Technical Committee ISO/TC 87, *Cork*.

This third edition cancels and replaces the second edition (ISO 1997:1992), of which it constitutes a minor revision. The following changes have been included:

— minor editorial details have been introduced in this edition;

— three International Standards cited in Clause 2 have been moved to Bibliography.

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Introduction

The use of granulated cork which has been packed and transported in pressed bales presents some problems for the ultimate user, particularly with regard to bringing its apparent density back to pre pressing level.

The attention of suppliers is drawn to the necessity of avoiding too high a rate of compression, which might considerably affect the characteristics of the granulated cork as available to the ultimate user.

This compression should not affect either the bulk density or the granule size values except specific tolerances agreed between seller and buyer.

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Granulated cork and cork powder — Classification, properties and packing

1 Scope

This document specifies the classification and properties of granulated cork and cork powder before pressing, as well as the methods of packing.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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*

ISO 2190, *Granulated cork — Determination of moisture content*

3 Terms and definitions

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

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at https://www.iso.org/obp

— IEC Electropedia: available at http://www.electropedia.org/

4 Classification

Granulated cork and cork powder are classified according to the size of the granules and their bulk density.

4.1 Classification by grain size

Granulated cork and cork powder, tested as described in ISO 2030:2018, Clause 6, are classified according to the apertures of the upper and lower sieves, showing the granule size distribution obtained.

4.2 Classification by bulk density

Granulated cork tested as described in ISO 2031 is classified into six groups according to bulk density, as shown in table 1.

Table 1 — Classification by bulk density

Classification	Bulk density, ρ kg/m^3
40/50	$40 < \rho \leq 50$
50/60	$50 < \rho \leq 60$
60/80	$60 < \rho \leq 80$

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