STN	Papier a lepenka určené na styk s požívatinami Stanovenie stálosti fluorescenčne zjasneného papiera a lepenky	STN EN 648
		50 7005

Paper and board intended to come into contact with foodstuffs - Determination of the fastness of fluorescent whitened paper and board

Táto norma obsahuje anglickú verziu európskej normy. This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/19

Rozpracovaná aj prekladom.

Obsahuje: EN 648:2018

Oznámením tejto normy sa ruší STN EN 648 (50 7005) z marca 2007

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 648

November 2018

ICS 67.250; 85.060

Supersedes EN 648:2006

English Version

Paper and board intended to come into contact with foodstuffs - Determination of the fastness of fluorescent whitened paper and board

Papier et carton destinés à entrer en contact avec les denrées alimentaires - Détermination de la solidité du papier et du carton blanchis par des agents d'azurage fluorescents Papier und Pappe vorgesehen für den Kontakt mit Lebensmitteln - Bestimmung der Farbechtheit von optisch aufgehelltem Papier und Pappe

This European Standard was approved by CEN on 22 July 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 648:2018 (E)

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European foreword

This document (EN 648:2018) has been prepared by Technical Committee CEN/TC 172 "Pulp, paper and board", the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2019, and conflicting national standards shall be withdrawn at the latest by May 2019.

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

This document supersedes EN 648:2006.

With regard to EN 648:2006 the following changes have been made:

- a) Clause 1 "Scope" has been revised and extended;
- b) in Clause 6 "Reagents" the test fluid "saliva simulant" has been removed and the test fluid "alkaline salt solution" has been introduced;
- c) new test conditions, matching the use of the tested papers and boards;
- d) new definition for the glass fibre paper;
- e) editorial changes.

Attention shall be drawn to the fact that the glass fibre papers have not been duly validated before the publication of this standard.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This document describes procedures for the testing of the fastness of fluorescent whitened paper and board intended to come into contact with foodstuffs. Some procedures depending on the foreseeable use of the material are given.

Visual absence of the glass fibre paper's fluorescence under UV light is evaluated.

For samples having significant different sides, a migration can occur from one glass fibre to the other and could lead to wrong interpretation of the fastness of one side. It is advisable to check these samples using large sampling procedure to prevent cross contamination of the glass fibre during the migration procedure. The procedure is described in Annex A. If lower limit of detection is required, this procedure can also be used.

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.

EN ISO 186, Paper and board - Sampling to determine average quality (ISO 186)

EN ISO 3696, Water for analytical laboratory use - Specification and test methods (ISO 3696)

ISO 6588-2, Paper, board and pulps - Determination of pH of aqueous extracts - Part 2: Hot extraction

3 Terms and definitions

For the purposes of this document, the following term and definition applies.

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN