Textiles - Quantitative chemical analysis - Part 26: Mixtures of melamine with certain other fibres (method using hot formic acid) (ISO 1833-26:2020)

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NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 1833-26:2020 sisaldab Euroopa standardi EN ISO 1833-26:2020 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 1833-26:2020 consists of the English text of the European standard EN ISO 1833-26:2020.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 21.10.2020.	Date of Availability of the European standard is 21.10.2020.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

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English Version

Textiles - Quantitative chemical analysis - Part 26: Mixtures of melamine with certain other fibres (method using hot formic acid) (ISO 1833-26:2020)

Textiles - Analyse chimique quantitative - Partie 26: Mélanges de fibres de mélamine avec certaines autres fibres (méthode à l'acide formique chaud) (ISO 1833-26:2020)

Textilien - Quantitative chemische Analyse - Teil 26: Mischungen aus Melamin und Baumwolle oder Aramidfasern (Verfahren mit heißer Ameisensäure) (ISO 1833-26:2020)

This European Standard was approved by CEN on 19 October 2020.

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

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European foreword

This document (EN ISO 1833-26:2020) has been prepared by Technical Committee ISO/TC 38 "Textiles" in collaboration with Technical Committee CEN/TC 248 “Textiles and textile products” the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by April 2021, and conflicting national standards shall be withdrawn at the latest by April 2021.

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 ISO 1833-26:2013.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 1833-26:2020 has been approved by CEN as EN ISO 1833-26:2020 without any modification.

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 38, *Textiles*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 248, *Textiles and textile products*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 1833-26:2013) which has been technically revised. The main changes compared to the previous editions are as follows:

— the title has been changed from “Mixtures of melamine and cotton or aramid fibres….” to “Mixtures of melamine with certain other fibres…”;

— the general warning has been moved to ISO 1833-1;

— in Clause 1, polypropylene has been added as remaining fibre;

— in Clause 8, “percentage point” has been added to avoid confusion.

A list of all parts in the ISO 1833 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Textiles — Quantitative chemical analysis —

Part 26: Mixtures of melamine with certain other fibres (method using hot formic acid)

1 Scope

This document specifies a method using hot formic acid to determine the mass percentage of melamine fibres after removal of non-fibrous matter, in textiles made of mixtures of:

— melamine fibres

with

— cotton, polypropylene or aramid fibres.

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 1833-1, *Textiles — Quantitative chemical analysis — Part 1: General principles of testing*

3 Terms and definitions

No terms and definitions are listed in this document.

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 Principle

The melamine fibre is dissolved out from a known dry mass of the mixture with hot formic acid (90 % by mass). The residue is collected, washed, dried and weighed; its mass, corrected if necessary, is expressed as a percentage of the dry mass of the mixture. The percentage of melamine is obtained by difference.

5 Reagents

5.1 General

Use the reagents described in ISO 1833-1, together with those specified in 5.2 and 5.3.