

<b>STN</b>	<b>Textílie</b> <b>Kvantitatívna chemická analýza</b> <b>Časť 21: Zmesi chlórových vlákien, niektorých modakrylových, niektorých elastanových, acetátových, triacetátových a niektorých iných vlákien (metóda využívajúca cyklohexanón) (ISO 1833-21: 2019)</b>	<b>STN</b> <b>EN ISO 1833-21</b>  80 8615
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Textiles - Quantitative chemical analysis - Part 21: Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates and certain other fibres (method using cyclohexanone) (ISO 1833-21:2019)

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. 08/19

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English Version

**Textiles - Quantitative chemical analysis - Part 21:  
Mixtures of chlorofibres, certain modacrylics, certain  
elastanes, acetates, triacetates and certain other fibres  
(method using cyclohexanone) (ISO 1833-21:2019)**

Textiles - Analyse chimique quantitative - Partie 21:  
Mélanges de chlorofibres, certains modacryliques,  
certains élasthannes, acétates, triacétates et de  
certaines autres fibres (méthode à la cyclohexanone)  
(ISO 1833-21:2019)

Textilien - Quantitative chemische Analysen - Teil 21:  
Mischungen aus Chlorfasern, bestimmten  
Modacrylfasern, bestimmten Elastanfasern,  
Acetatfasern, Triacetatfasern mit bestimmten anderen  
Fasern (Cyclohexanon-Verfahren) (ISO 1833-21:2019)

This European Standard was approved by CEN on 11 May 2019.

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**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN ISO 1833-21:2019 (E)**

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## **European foreword**

This document (EN ISO 1833-21:2019) 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of an identical text or by endorsement, at the latest by November 2019, and conflicting national standards shall be withdrawn at the latest by November 2019.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 ISO 1833-21:2010.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association.

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.

## **Endorsement notice**

The text of ISO 1833-21:2019 has been approved by CEN as EN ISO 1833-21:2019 without any modification.

**INTERNATIONAL  
STANDARD**

**ISO  
1833-21**

Second edition  
2019-04

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**Textiles — Quantitative chemical  
analysis —**

Part 21:

**Mixtures of chlorofibres, certain  
modacrylics, certain elastanes,  
acetates, triacetates with certain other  
fibres (method using cyclohexanone)**

*Textiles — Analyse chimique quantitative —*

*Partie 21: Mélanges de chlorofibres, certains modacryliques, certains élasthannes, acétates, triacétates avec certaines autres fibres (méthode à la cyclohexanone)*



Reference number  
ISO 1833-21:2019(E)

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Phone: +41 22 749 01 11  
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# ISO 1833-21:2019(E)

## 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](http://www.iso.org/directives)).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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

For an explanation on 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 the following URL: [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 38, *Textiles*.

This second edition cancels and replaces the first edition (ISO 1833-21:2006), which has been technically revised. The main changes compared to the previous edition are as follows:

- the title has been changed from “Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates **and** certain other fibres...” to “Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates **with** certain other fibres...”;
- in [Clause 1](#) some remaining fibres have been added;
- the mandatory [Clause 3](#) "Terms and definitions" has been added and the subsequent clauses have been renumbered;
- in [Clause 7](#) (former Clause 6) tolerances have been added to the washing temperature;
- in [Clause 8](#) (former Clause 7), a specific *d* factor for melamine and polyacrylate has been added;
- in [Clause 9](#) (former 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](http://www.iso.org/members.html).



# Textiles — Quantitative chemical analysis —

## Part 21:

# Mixtures of chlorofibres, certain modacrylics, certain elastanes, acetates, triacetates with certain other fibres (method using cyclohexanone)

## 1 Scope

This document specifies a method, using cyclohexanone, to determine the mass percentage of chlorofibre, modacrylic, elastane, acetate and triacetate, after removal of non-fibrous matter, in textiles made of mixtures of

— acetate, triacetate, chlorofibre, certain modacrylics, certain elastanes

with

— wool, animal hair, silk, cotton, cupro, modal, viscose, lyocell, polyamide, acrylic, melamine, polyacrylate and glass fibres.

It is also possible to analyse mixtures containing chlorofibres by using the test methods described in ISO 1833-13 or ISO 1833-17.

## 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*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**