



BSI Standards Publication

Textiles – Quantitative chemical analysis

Part 27: Mixtures of cellulose fibres with certain other fibres
(method using aluminium sulfate) (ISO 1833-27:2018)

National foreword

This British Standard is the UK implementation of EN ISO 1833-27:2019. It is identical to ISO 1833-27:2018. It supersedes BS ISO 1833-27:2018, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee TCI/100, Co-ordination of activities in textiles and clothing.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2019
Published by BSI Standards Limited 2019

ISBN 978 0 539 02576 7

ICS 59.060.01

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 September 2018.

Amendments/corrigenda issued since publication

Date	Text affected
31 July 2019	This corrigendum renumbers BS ISO 1833-27:2018 as BS EN ISO 1833-27:2019

English Version

**Textiles - Quantitative chemical analysis - Part 27:
Mixtures of cellulose fibres with certain other fibres
(method using aluminium sulfate) (ISO 1833-27:2018)**

Textiles - Analyse chimique quantitative -
Partie 27: Mélanges de fibres cellulosiques
avec certaines autres fibres (méthode au
sulfate d'aluminium) (ISO 1833-27:2018)

Textilien - Quantitative chemische Analyse -
Teil 27: Mischungen von Cellulosefasern mit
bestimmten anderen Fasern (Verfahren mit
Aluminiumsulfat) (ISO 1833-27:2018)

This European Standard was approved by CEN on 12 May 2019.

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, 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 United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of ISO 1833-27:2018 has been prepared by Technical Committee ISO/TC 38 "Textiles" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 1833-27:2019 by 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 December 2019, and conflicting national standards shall be withdrawn at the latest by December 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.

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 1833-27:2018 has been approved by CEN as EN ISO 1833-27:2019 without any modification.

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Reagent	1
6 Apparatus	2
7 Sampling and pre-treatment of sample	2
7.1 Sampling.....	2
7.2 Pre-treatment of laboratory test sample.....	2
8 Preparation of carbonization solution	2
9 Test procedure	2
9.1 General.....	2
9.2 Soaking the test specimen with carbonization solution.....	2
9.3 Carbonizing.....	3
9.4 Removal of carbonized fibre.....	3
10 Calculation and expression of results	3
11 Precision	3
Bibliography	4