

STN	Textílie Kvantitatívna chemická analýza Časť 29: Zmesi polyamidu s dvojzložkovou zmesou polypropylén/polyamid (metóda využívajúca kyselinu sírovú) (ISO 1833-29: 2020)	STN EN ISO 1833-29 80 8615
------------	---	--

Textiles - Quantitative chemical analysis - Part 29: Mixtures of polyamide with polypropylene/polyamide bicomponent (method using sulfuric acid) (ISO 1833-29:2020)

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. 08/20

Obsahuje: EN ISO 1833-29:2020, ISO 1833-29:2020

131468

EUROPEAN STANDARD

EN ISO 1833-29

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2020

ICS 59.060.01

English Version

**Textiles - Quantitative chemical analysis - Part 29:
Mixtures of polyamide with polypropylene/polyamide
bicomponent (method using sulfuric acid) (ISO 1833-
29:2020)**

Textiles - Analyse chimique quantitative - Partie 29:
Mélanges de polyamide avec bicomposant
polypropylène/polyamide (méthode à l'acide
sulfurique) (ISO 1833-29:2020)

Textilien - Quantitative chemische Analysen - Teil 29:
Mischungen aus Polyamid mit Polypropylen/Polyamid-
Bikomponente (Verfahren mit Schwefelsäure) (ISO
1833-29:2020)

This European Standard was approved by CEN on 22 May 2020.

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: Rue de la Science 23, B-1040 Brussels

EN ISO 1833-29:2020 (E)

Contents	Page
European foreword.....	3

European foreword

This document (EN ISO 1833-29:2020) 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 December 2020, and conflicting national standards shall be withdrawn at the latest by December 2020.

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 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, 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 1833-29:2020 has been approved by CEN as EN ISO 1833-29:2020 without any modification.

**INTERNATIONAL
STANDARD**

**ISO
1833-29**

First edition
2020-05

**Textiles — Quantitative chemical
analysis —**

Part 29:

**Mixtures of polyamide with
polypropylene/polyamide
bicomponent (method using sulfuric
acid)**

Textiles — Analyse chimique quantitative —

*Partie 29: Mélanges de polyamide avec bicomposant polypropylène/
polyamide (méthode à l'acide sulfurique)*



Reference number
ISO 1833-29:2020(E)

© ISO 2020

ISO 1833-29:2020(E)**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2020

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

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

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	1
5 Reagents	2
6 Apparatus	2
7 Test procedure	2
8 Calculation and expression of results	2
9 Precision	3
Bibliography	4

ISO 1833-29:2020(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).

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).

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).

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.

Introduction

Mixtures of polyamide with polypropylene/polyamide bicomponent are often used for carpets. Polypropylene is the matrix of the bicomponent which includes polyamide fibrils.

The method described in ISO 1833-18 was found suitable to dissolve polyamide fibres without dissolving the polyamide fibrils inside the bicomponent.

As the scope of ISO 1833-18 is specific to mixtures of silk with protein fibres, a specific part was developed for mixtures of polyamide with polypropylene/polyamide bicomponent, using the same operating conditions.

The method described in ISO 1833-7 was not found suitable as formic acid dissolves all polyamide.

Textiles — Quantitative chemical analysis —

Part 29:

Mixtures of polyamide with polypropylene/polyamide bicomponent (method using sulfuric acid)

1 Scope

This document specifies a method, using sulfuric acid, to determine the mass percentage of polyamide, after removal of non-fibrous matter, in textiles made of binary mixtures of

— polyamide

with

— polypropylene/polyamide bicomponent.

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