

**Textiles - Quantitative chemical analysis - Part 16:  
Mixtures of polypropylene fibres and certain other fibres  
(method using xylene)**

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## EESTI STANDARDI EESSÕNA

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Käesolev Eesti standard EVS-EN ISO 1833-16:2010 sisaldab Euroopa standardi EN ISO 1833-16:2010 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.10.2010 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 13.10.2010.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN ISO 1833-16:2010 consists of the English text of the European standard EN ISO 1833-16:2010.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.10.2010 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 13.10.2010.

The standard is available from Estonian standardisation organisation.

ICS 59.060.01

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English Version

## Textiles - Quantitative chemical analysis - Part 16: Mixtures of polypropylene fibres and certain other fibres (method using xylene) (ISO 1833-16:2006)

Textiles - Analyse chimique quantitative - Partie 16:  
Mélanges de fibres de polypropylène et de certaines autres  
fibres (méthode au xylène) (ISO 1833-16:2006)

Textilien - Quantitative chemische Analysen - Teil 16:  
Mischungen aus Polypropylenfasern und bestimmten  
anderen Fasern (Xylol-Verfahren) (ISO 1833-16:2006)

This European Standard was approved by CEN on 12 September 2010.

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## Foreword

The text of ISO 1833-16:2006 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 1833-16:2010 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of an identical text or by endorsement, at the latest by April 2011, and conflicting national standards shall be withdrawn at the latest by April 2011.

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### Endorsement notice

The text of ISO 1833-16:2006 has been approved by CEN as a EN ISO 1833-16:2010 without any modification.

# Textiles — Quantitative chemical analysis —

Part 16:

## Mixtures of polypropylene fibres and certain other fibres (method using xylene)

### 1 Scope

This part of ISO 1833 specifies a method, using xylene, to determine the percentage of polypropylene, after removal of non-fibrous matter, in textiles made of binary mixtures of

— polypropylene fibres

and

— wool, animal hair, silk, cotton, viscose, cupro, modal, acetate, triacetate, polyamide, polyester, acrylic and glass fibres.

### 2 Normative references

The following referenced documents are indispensable for the application 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 Principle

The polypropylene fibre is dissolved from a known dry mass of the mixture with boiling xylene. 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 polypropylene is found by the difference.

### 4 Reagents

Use the reagent described in ISO 1833-1 as light petroleum together with that given in 4.1.

**4.1 Xylene**, distilling between 137 °C and 142 °C.

**SAFETY PRECAUTIONS — The harmful effects of this reagent shall be borne in mind, and full precautions shall be taken during use.**