

**Textiles - Quantitative chemical analysis - Part 12:
Mixtures of acrylic, certain modacrylics, certain
chlorofibres, certain elastanes and certain other fibres
(method using dimethylformamide)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 1833-12:2010 sisaldab Euroopa standardi EN ISO 1833-12:2010 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 1833-12:2010 consists of the English text of the European standard EN ISO 1833-12:2010.

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.

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English Version

Textiles - Quantitative chemical analysis - Part 12: Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastanes and certain other fibres (method using dimethylformamide) (ISO 1833-12:2006)

Textiles - Analyse chimique quantitative - Partie 12: Mélanges d'acrylique, certains modacryliques, certaines chlorofibres, certains élasthannes et de certaines autres fibres (méthode au diméthylformamide) (ISO 1833-12:2006)

Textilen - Quantitative chemische Analysen - Teil 12: Mischungen aus Polyacrylfasern, bestimmten Modacryl- oder Chlorfasern, bestimmten Elasthanen und bestimmten anderen Fasern (Dimethylformamid-Verfahren) (ISO 1833-12:2006)

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

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

The text of ISO 1833-12:2006 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 1833-12:2010 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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 1833-12:2006 has been approved by CEN as EN ISO 1833-12:2010 without any modification.

Textiles — Quantitative chemical analysis —

Part 12:

Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastanes and certain other fibres (method using dimethylformamide)

1 Scope

This part of ISO 1833 specifies a method, using dimethylformamide, to determine the percentage of acrylic, modacrylic, chlorofibre or elastane, after removal of non-fibrous matter, in textiles made of binary mixtures of

— acrylic, certain modacrylics, certain chlorofibres, certain elastanes

and

— animal fibres, cotton (scoured, kiered or bleached), viscose, cupro, modal, polyamide, polyester or glass fibres.

It is applicable to animal hair, wool and silk dyed with pre-metallized dyes, but not to those dyed with after-chrome dyes.

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 acrylic, modacrylic, chlorofibre or elastane is dissolved out from a known dry mass of the mixture, with dimethylformamide at 90 °C to 95 °C. 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, and the percentage of acrylic, modacrylic, chlorofibre or elastane is found by the difference.

4 Reagents

Use the reagents described in ISO 1833-1 together with that given in 4.1.

4.1 Dimethylformamide, boiling point 152 °C to 154 °C.

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