
Tekstilije in tekstilni izdelki - Mikroplastika iz tekstilnih virov - 1. del: Ugotavljanje izgube materiala iz tkanin med pranjem (ISO 4484-1:2023)

Textiles and textile products - Microplastics from textile sources - Part 1: Determination of material loss from fabrics during washing (ISO 4484-1:2023)

Textilien und textile Erzeugnisse - Mikroplastik aus textilen Quellen - Teil 1: Bestimmung des Materialverlusts von textilen Flächengebilden beim Waschen (ISO 4484-1:2023)

Textiles et produits textiles - Microplastiques d'origines textiles - Partie 1: Détermination des pertes de matière des étoffes pendant le lavage (ISO 4484-1:2023)

Ta slovenski standard je istoveten z: EN ISO 4484-1:2023

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13.020.40	Onesnaževanje, nadzor nad onesnaževanjem in ohranjanje	Pollution, pollution control and conservation
59.080.01	Tekstilije na splošno	Textiles in general

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EUROPEAN STANDARD

EN ISO 4484-1

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English Version

Textiles and textile products - Microplastics from textile sources - Part 1: Determination of material loss from fabrics during washing (ISO 4484-1:2023)

Textiles et produits textiles - Microplastiques
d'origines textiles - Partie 1: Détermination des pertes
de matière des étoffes pendant le lavage (ISO 4484-
1:2023)

Textilien und textile Erzeugnisse - Mikroplastik aus
textilen Quellen - Teil 1: Bestimmung des
Materialverlusts von textilen Flächengebilden beim
Waschen (ISO 4484-1:2023)

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European foreword

This document (EN ISO 4484-1:2023) 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of an identical text or by endorsement, at the latest by August 2023, and conflicting national standards shall be withdrawn at the latest by August 2023.

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INTERNATIONAL
STANDARD

ISO
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First edition
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**Textiles and textile products —
Microplastics from textile sources —
Part 1:
Determination of material loss from
fabrics during washing**

*Textiles et produits textiles — Microplastiques d'origines textiles —
Partie 1: Détermination des pertes de matière des étoffes pendant le
lavage*

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ISO 4484-1:2023(E)**Foreword**

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This document was prepared by Technical Committee ISO/TC 38, *Textiles*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC248, *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 4484 series can be found on the ISO website.

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Introduction

There is significant evidence that during laundering of textiles, release of fragments can occur. The purpose of this document is to provide a method of assessment, to be used in laboratories, of the degree to which different fabrics shed fibres and fibre fragments of all types. The results obtained by using this document should enable manufacturers of textile articles to make an informed choice about the type of fabric to use to reduce/minimize shedding as well as to test different methods of manufacture that minimize material loss during laundering.

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