

Textiles and textile products - Burning behaviour -
Curtains and drapes - Detailed procedure to determine
the flame spread of vertically oriented specimens

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 1102:2016 sisaldab Euroopa standardi EN 1102:2016 ingliskeelset teksti.	This Estonian standard EVS-EN 1102:2016 consists of the English text of the European standard EN 1102:2016.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

Textiles and textile products - Burning behaviour -
Curtains and drapes - Detailed procedure to determine the
flame spread of vertically oriented specimens

Textiles et produits textiles - Comportement au feu -
Rideaux et tentures - Procédure détaillée pour
déterminer la propagation de flamme d'éprouvettes
disposées verticalement

Textilien - Brennverhalten von Vorhängen und
Gardinen - Detailliertes Verfahren zur Bestimmung der
Flammenausbreitungseigenschaften vertikal
angeordneter Proben

This European Standard was approved by CEN on 12 June 2016.

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.

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European foreword

This document (EN 1102:2016) has been prepared 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of an identical text or by endorsement, at the latest by February 2017, and conflicting national standards shall be withdrawn at the latest by February 2017.

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 supersedes EN 1102:1995.

The ignitability is determined using a modified EN ISO 6941. These modifications are listed in this document.

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1 Scope

This European Standard specifies a procedure to determine the flame spread of textiles for curtains and drapes by testing a vertically oriented specimen in accordance with EN ISO 6941.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN ISO 6330:2012, *Textiles - Domestic washing and drying procedures for textile testing (ISO 6330:2012)*

EN ISO 6941:2003, *Textile fabrics - Burning behaviour - Measurement of flame spread properties of vertically oriented specimens (ISO 6941:2003)*

ISO 3175 (all parts), *Textiles – Professional care, dry cleaning and wet cleaning of fabrics and garments* ¹

3 Terms and definitions

For the purpose of this document, the following terms and definitions apply:

3.1
attendant fire phenomena
special phenomena occurring during burning such as flaming debris, darting flames, formation of sparks

3.2
flaming debris
material, separating from the specimen during the test procedure, falling below the initial edge of the specimen and igniting a filter paper

4 Sampling

Test samples shall be representative of the materials as used in complete curtains and drapes in accordance with the number and the size of the test specimens required as specified in EN ISO 6941.

5 Cleansing

The sample shall be submitted to the cleansing procedure given on the care label. If no cleansing procedure is prescribed the material shall be submitted to one cycle of the following standard cleansing procedures as appropriate to the fabric:

- wash procedure in accordance with method 4N (40 ± 3) °C of EN ISO 6330:2012 and dried in accordance with method C (flat dry) of EN ISO 6330:2012;
- dry cleaning procedure in accordance with ISO 3175 (all parts).

If the fabric is not intended to be cleansed the test method shall be carried out on sample and specimens as received.

¹ Parts 5 & 6 currently under development.