

STN	Charakterizácia jednozložkovej peny (OCF) Časť 1: Výdatnosť peny	STN EN 17333-1 66 8585
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Characterisation of one component foam - Part 1: Foam yield characteristics

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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Characterisation of one component foam - Part 1: Foam yield characteristics

Caractérisation des mousses monocomposants - Partie
1 : Caractéristiques de rendement des mousses

Charakterisierung von Einkomponentenschäumen -
Teil 1: Schaumausbeute

This European Standard was approved by CEN on 1 December 2019.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 17333-1:2020 (E)

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European foreword

This document (EN 17333-1:2020) has been prepared by Technical Committee CEN/TC 193 “Adhesives”, the secretariat of which is held by UNE.

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of an identical text or by endorsement, at the latest by September 2020, and conflicting national standards shall be withdrawn at the latest by September 2020.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 is one of the product European Standards within the framework series of EN 17333 on Characterization of one component foam, as follows:

- *Part 1: Foam yield characteristics* (this document);
- *Part 2: Expansion characteristics*;
- *Part 3: Application*;
- *Part 4: Mechanical strength*;
- *Part 5: Insulation*.

This document is one of a series of standards which specify test methods for determining the properties of one component foams (OCFs).

According to the CEN-CENELEC Internal Regulations, the national standards organisations 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.

EN 17333-1:2020 (E)**1 Scope**

This document specifies test methods for the evaluation of the foam yield characteristics for moisture curing, self-curing activatable or water drying foams dispensed from single pressurized foam containers.

This document does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory requirements prior to use.

The following test methods are described:

- Method 1 – Determination of the apparent density of an OCF extruded in a joint and calculation of the theoretical foam yield in running meters of the whole can.
- Method 2 – Determination of the real yield of cured foam, respecting eventual cavities inside the foam structure.
- Method 3 – Determination of the free foamed density of a cured OCF for identification purposes only.
- Method 4 – Determination of the total foam yield for the whole OCF container for moisture and self-curing foam that can be measured by water displacement.

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.

EN 923, *Adhesives - Terms and definitions*

EN 15006, *Metal aerosol containers - Aluminium containers - Dimensions of the 25,4 mm aperture*

EN 14847, *Aerosol containers - Tinsplate containers - Dimensions of the 25,4 mm aperture*

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