



**SLOVENSKI STANDARD
SIST-TS CEN/TS 17730:2022**

01-oktober-2022

Lastnosti komposta in digestata, ki se uporabljata v sredstvih za gnojenje

Compost and digestate properties when used in fertilising products

Eigenschaften von Kompost und Gärrückständen bei Verwendung in Düngeprodukten

Propriétés du compost et du digestat lorsqu'ils sont utilisés dans des fertilisants

Ta slovenski standard je istoveten z: CEN/TS 17730:2022

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ICS:

65.080 Gnojila Fertilizers

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TECHNICAL SPECIFICATION
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CEN/TS 17730

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ICS 65.080

English Version

Compost and digestate properties when used in fertilizing products

Propriétés du compost et du digestat lorsqu'ils sont utilisés dans des fertilisants

Eigenschaften von Kompost und Gärrückständen bei Verwendung in Düngeprodukten

This Technical Specification (CEN/TS) was approved by CEN on 3 January 2022 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

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

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European foreword

This document (CEN/TS 17730:2022) has been prepared by Technical Committee CEN/TC 223 “Soil improvers and growing media”, the secretariat of which is held by NEN.

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 has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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CEN/TS 17730:2022 (E)**Introduction**

An EU fertilizing product consists solely of component materials complying with the requirements for one or more of the component material categories (CMCs), as specified in the Regulation (EU) 2019/1009 [1].

Compost has been classified as CMC 3, fresh crop digestate as CMC 4 and digestate other than fresh crop digestate, as CMC 5 as specified in the Regulation (EU) 2019/1009 [1].

The specific safety and quality requirements in relation to some of the specific parameters (i.e. macroscopic impurities, oxygen uptake rate and the self-heating factor) are specified in this document, as well as normative references of the test methods to be used in order to measure the compliance with the related requirement.

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1 Scope

This document provides an overview of relevant methods for the properties of compost and solid digestate when used in fertilizing products, including:

- macroscopic impurities;
- oxygen uptake rate;
- self-heating factor.

This document is applicable to the following component material categories: CMC 3, CMC 4 and CMC 5, as specified in the Regulation (EU) 2019/1009 [1].

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.

CEN/TS 17732:2022, *Soil improvers and growing media — Terminology*

CEN/TS 17733:2022, *Soil improvers and growing media — Sampling and sample preparation*

EN 16087-1:2020, *Soil improvers and growing media — Determination of the aerobic biological activity — Part 1: Oxygen uptake rate (OUR)*

EN 16087-2:2011, *Soil improvers and growing media — Determination of the aerobic biological activity — Part 2: Self heating test for compost*

CEN/TS 16202:2013, *Sludge, treated biowaste and soil — Determination of impurities and stones*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in CEN/TS 17732:2022 apply.

4 Sampling and sample preparation

4.1 Sampling

Samples taken for quality control purposes shall be representative, as described in CEN/TS 17733:2022.

4.2 Sample preparation

Sample preparation shall be carried out in accordance with CEN/TS 17733:2022.