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**Polimerni materiali - Ogljični in okoljski odtis polimernih materialov na biološki osnovi - 2. del: Ogljični odtis materialov, količina (masa) CO<sub>2</sub>, odstranjena iz zraka in vključena v molekulo polimera (ISO 22526-2:2020)**

Plastics - Carbon and environmental footprint of biobased plastics - Part 2: Material carbon footprint, amount (mass) of CO<sub>2</sub> removed from the air and incorporated into polymer molecule (ISO 22526-2:2020)

Kunststoffe - Kohlenstoff- und Umweltbilanz von biobasierten Kunststoffen - Teil 2: Kohlenstoffbilanz des Materials, Menge (Masse) des aus der Luft entfernten und in das Polymermolekül integrierten CO<sub>2</sub> (ISO 22526 2:2020)

Plastiques - Empreinte carbone et environnementale des plastiques biosourcés - Partie 2: Empreinte carbone des matériaux, quantité (masse) de CO<sub>2</sub> captée dans l'air et incorporée dans les molécules de polymères (ISO 22526-2:2020)

**Ta slovenski standard je istoveten z: EN ISO 22526-2:2021**

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**ICS:**

13.020.40	Onesnaževanje, nadzor nad onesnaževanjem in ohranjanje	Pollution, pollution control and conservation
83.080.01	Polimerni materiali na splošno	Plastics in general

**SIST EN ISO 22526-2:2022**

**en,fr,de**

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EUROPEAN STANDARD

EN ISO 22526-2

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November 2021

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English Version

Plastics - Carbon and environmental footprint of biobased plastics - Part 2: Material carbon footprint, amount (mass) of CO<sub>2</sub> removed from the air and incorporated into polymer molecule (ISO 22526-2:2020)

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Contents	Page
European foreword.....	3

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[SIST EN ISO 22526-2:2022](https://standards.iteh.ai/catalog/standards/sist/028532ae-8b67-45c8-ac88-e36cdc3f3a9c/sist-en-iso-22526-2-2022)  
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## European foreword

The text of ISO 22526-2:2020 has been prepared by Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 22526-2:2021 by Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by NBN.

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 May 2022, and conflicting national standards shall be withdrawn at the latest by May 2022.

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**Plastics — Carbon and environmental  
footprint of biobased plastics —**

Part 2:

**Material carbon footprint, amount  
(mass) of CO<sub>2</sub> removed from the  
air and incorporated into polymer  
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biosourcés*<https://standards.iteh.ai/catalog/standards/sist/028532ae-8b67-45c8-ae88-e36cdc3f229c/sist-en-iso-22526-2-2022>*Partie 2: Empreinte carbone des matériaux, quantité (masse) de CO<sub>2</sub>  
captée dans l'air et incorporée dans les molécules de polymères*Reference number  
ISO 22526-2:2020(E)

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# Contents

Page

<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms, definitions, symbols and abbreviated terms</b> .....	<b>1</b>
3.1 Terms and definitions.....	1
3.2 Symbols.....	2
3.3 Abbreviated terms.....	2
<b>4 Application</b> .....	<b>2</b>
<b>5 Material carbon footprint</b> .....	<b>2</b>
5.1 Principle.....	2
5.2 Determination of the biobased carbon content.....	2
5.3 Determination or calculation of biobased carbon content on a mass base.....	2
5.4 Calculation of the amount (mass) of CO <sub>2</sub> removed from the air and incorporated into 1 kg of the polymer.....	3
5.4.1 Calculation from biobased carbon content on a mass base.....	3
5.4.2 Calculation from biobased synthetic polymer content.....	3
<b>Annex A (informative) Calculation of the amount of CO<sub>2</sub> removed from the air for each polymer</b> .....	<b>4</b>
<b>Annex B (informative) Value of equivalent emissions in typical activities</b> .....	<b>7</b>
<b>Bibliography</b> .....	<b>8</b>

[SIST EN ISO 22526-2:2022](https://standards.iteh.ai/catalog/standards/sist/028532ae-8b67-45c8-ac88-e36cdc3f3a9c/sist-en-iso-22526-2-2022)

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## ISO 22526-2:2020(E)

### Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

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This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 14, *Environmental aspects*.

A list of all parts in the ISO 22526 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## Introduction

Increased use of biomass resources for manufacturing plastic products can be effective in reducing global warming and the depletion of fossil resources.

Current plastic products are composed of biobased synthetic polymers, fossil-based synthetic polymers, natural polymers and additives that can include biobased materials.

Biobased plastics refer to plastics that contain materials wholly or partly of biogenic origin.

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