



DRAFT TANZANIA STANDARD

**Plastics — Carbon and environmental footprint of bio based plastics
— Part 3: Process carbon footprint, requirements and guidelines for
quantification.**

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0. National foreword

The Tanzania Bureau of Standards is the statutory national standards body for Tanzania, established under the Act.No.3 of 1975, amended by Act.No.2 of 2009.

This draft Tanzania standard is being prepared by environmental management Technical Committee, under the supervision of the Environmental Management Divisional Standards Committee (EMDC)

This draft Tanzania Standard is identical to *ISO 22526-3:2020- Plastics — Carbon and environmental footprint of bio based plastics — Part 3: Process carbon footprint*, requirements and guidelines for quantification, published by the International Organization for Standardization (ISO).

Terminology and conventions

The text of the International Standard is hereby being recommended for approval without deviation for publication as draft Tanzania standard. Some terminology and certain conversion are not identical with those used in Tanzania Standards; attention is drawn to the following:

The comma (,) has been used as decimal marker for metric dimensions. In Tanzania, it is current practice to use a full point (.) on the baseline as a decimal marker.

Wherever the words “International Standard” appear, referring to this draft standard, they should read as “Tanzania Standard”.

1. SCOPE.

This document specifies requirements and guidelines for the quantification and reporting of the process carbon footprint of biobased plastics (see ISO 22526-1), being a partial carbon footprint of a bioplastic product, based on ISO 14067 and consistent with International Standards on life cycle assessment (ISO 14040 and ISO 14044).

This document is applicable to process carbon footprint studies (P-CFP) of plastic materials, being a partial carbon footprint of a product, whether or not the results are intended to be publicly available. Requirements and guidelines for the quantification of a partial carbon footprint of a product (partial CFP) are provided in this document.

The process carbon footprint study is carried out according to ISO 14067 as a partial carbon footprint, using the specific conditions and requirements specified in this document. Where the results of a P-CFP study are reported according to this document, procedures are provided to support transparency and credibility, and also to allow for informed choices.

Offsetting is outside of the scope of this document.

