



DTZS/EMDC 8 (2054) ISO 22766:2020

## DRAFT TANZANIA STANDARD

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**Plastics - Determination of the degree of disintegration of plastic materials in marine habitats under real field conditions.**

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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 22766:2020 Plastics - Determination of the degree of disintegration of plastic materials in marine habitats under real field conditions*, 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 test methods for the determination of the degree of disintegration of plastic materials exposed to marine habitats under real field conditions.

The marine areas under investigation are the sandy sublittoral and the sandy eulittoral zone where plastic materials can either be placed intentionally (e.g. biodegradable fishing nets) or end up as litter due to irresponsible human behaviour. This depends on their physical characteristics, form and size of the materials, and on water currents and tidal movements.

This document specifies the general requirements of the apparatus, and the procedures for using the test methods described.

The determination of the level of disintegration of plastic materials exposed to pelagic zones such as the sea surface or the water column above the seafloor are not within the scope of this document.

This document is not suitable for the assessment of disintegration caused by heat or light exposure.

The described field test is a disintegration test and not a biodegradation test. Therefore, it cannot be used for demonstrating biodegradation or for making unqualified claims such as “biodegradable in marine environment” and similar.

FOR STAKEHOLDERS' COMMENTS ONLY.