

Plastics sacks for household waste collection - Types,  
requirements and test methods

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

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Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

## Plastics sacks for household waste collection - Types, requirements and test methods

Sacs en plastique pour la collecte des déchets  
ménagers - Types, exigences et méthodes d'essai

Kunststoffsäcke für die Abfallsammlung aus  
Haushalten - Typen, Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 21 November 2016.

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## European foreword

This document (EN 13592:2017) has been prepared by Technical Committee CEN/TC 261 “Packaging”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by August 2017, and conflicting national standards shall be withdrawn at the latest by August 2017.

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 supersedes EN 13592:2003+A1:2007.

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## 1 Scope

This European Standard specifies the general characteristics, test methods and requirements for sacks, bags and bin liners, made from plastic films, used for household waste collection, or household selective waste collection including the collection of biodegradable waste for organic recycling (biodegradation and composting).

For the purpose of this European Standard biodegradable and compostable sacks, including ties if any, are those which comply with EN 13432.

This European Standard applies only to sacks, bags and bin liners for which the first use is for household waste collection or household selective waste collection.

This European Standard does not apply to sacks used to protect bins and that are not lifted at the emptying operation and thus do not require the same mechanical characteristics.

NOTE For editorial reasons, in this document the terms “sack” and “bag” are synonymous.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 13432, *Packaging — Requirements for packaging recoverable through composting and biodegradation — Test scheme and evaluation criteria for the final acceptance of packaging*

EN 22248, *Packaging — Complete, filled transport packages — Vertical impact test by dropping (ISO 2248)*

EN ISO 291, *Plastics — Standard atmospheres for conditioning and testing (ISO 291)*

EN ISO 527-1, *Plastics — Determination of tensile properties — Part 1: General principles (ISO 527-1)*

EN ISO 527-3, *Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets (ISO 527-3)*

EN ISO 1043-1, *Plastics — Symbols and abbreviated terms — Part 1: Basic polymers and their special characteristics (ISO 1043-1)*

EN ISO 7965-2, *Sacks — Drop test — Part 2: Sacks made from thermoplastic flexible film (ISO 7965-2)*

ISO 4591:1992, *Plastics — Film and sheeting — Determination of average thickness of a sample, and average thickness and yield of a roll, by gravimetric techniques (gravimetric thickness)*

ISO 4593, *Plastics — Film and sheeting — Determination of thickness by mechanical scanning*