
Polimerni materiali - Razvrščeni odpadki iz polimernih materialov - 4. del: Stopnje kakovosti sortiranih odpadkov iz poli(etilen tereftalata) (PET) in posebne preskusne metode

Plastics - Sorted plastics wastes - Part 4: Quality grades of sorted poly(ethylene terephthalate) (PET) wastes and specific test methods

Kunststoffe - Sortierte Kunststoffabfälle - Teil 4: Qualitätsstufen von sortierten Polyethylenterephthalat(PET)-Abfällen und spezifische Prüfverfahren

Plastiques - Déchets de plastiques triés - Partie 4: Grades de qualité des déchets de poly(éthylène téréphtalate) (PET) triés et méthodes d'essai spécifiques

Ta slovenski standard je istoveten z: prEN 15347-4

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ICS:

13.030.50	Recikliranje	Recycling
83.080.20	Plastomeri	Thermoplastic materials

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EUROPEAN STANDARD
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English Version

Plastics - Sorted plastics wastes - Part 4: Quality grades of sorted poly(ethylene terephthalate) (PET) wastes and specific test methods

Kunststoffe - Güteklassen für sortierte
Kunststoffabfälle - Teil 4: Polyethylenterephthalat
(PET)

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 249.

If this draft becomes a European Standard, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

This draft European Standard was established by CEN in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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European foreword

This document (prEN 15347-4:2024) has been prepared by Technical Committee CEN/TC 249 “Plastics”, the secretariat of which is held by SIS.

This document is currently submitted to the CEN Enquiry.

This document has been prepared under a standardization request addressed to CEN by the European Commission.

This document is one part of a series of CEN publications on Plastics Recycling, which is structured as follows:

- EN 15342, *Plastics — Recycled Plastics — Characterization of polystyrene (PS) recyclates*
- EN 15343, *Plastics — Recycled Plastics — Plastics recycling traceability and assessment of conformity and recycled content*
- EN 15344, *Plastics — Recycled Plastics — Characterization of Polyethylene (PE) recyclates*
- EN 15345, *Plastics — Recycled Plastics — Characterization of Polypropylene (PP) recyclates*
- EN 15346, *Plastics — Recycled plastics — Characterization of poly(vinyl chloride) (PVC) recyclates*
- EN 15347 (all parts), *Plastics — Sorted plastics wastes*
- EN 15348, *Plastics — Recycled plastics — Characterization of poly(ethylene terephthalate) (PET) recyclates*
- CEN/TR 15353, *Plastics — Recycled plastics — Guidelines for the development of standards for recycled plastics*

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

prEN 15347-4:2024 (E)**Introduction**

PET plastic is mostly used in packaging applications namely bottles and trays which have established recycling streams in the EU. Other PET applications include film and textiles. The collection of PET plastic is mostly taking place via separate collection – comingled systems together with other packaging materials or in deposit return systems. In case of comingled collection, waste is sent to a sorting centre to separate the targeted PET from other polymers or impurities. Alternatively, PET plastic can also be collected via private collection initiatives via closed loop systems, or it can be directly sent to a recycler, in case of pre-consumer waste.

Regardless of the collection system or sorting activities used, PET plastic waste is characterized to determine the composition and quality of the batch. A clear and harmonized waste specification facilitates a transaction between the supplier and purchaser of a PET plastic waste batch.

This document complements the general characterization of waste described in EN 15347-1¹ and adds additional clarification when it comes to the required and optional requirements of PET waste. Characteristics are defined for PET bottles, PET trays and PET mixed waste.

This document has been produced in accordance with the guidance produced by CEN on Environmental Aspects and in accordance with CEN/TR 15353.

NOTE CEN/TR 15353 considers the general environmental aspects which are specific to the recycling process.

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¹ Under preparation. Current stage is: FprEN 15347-1:2024.