



SLOVENSKI STANDARD
oSIST prEN 15347-3:2024
01-junij-2024

Polimerni materiali - Razvrščeni odpadki iz polimernih materialov - 3. del: Stopnje kakovosti sortiranih polipropilenskih (PP) odpadkov in posebne preskusne metode

Plastics - Sorted plastics wastes - Part 3: Quality grades of sorted Polypropylene (PP) wastes and specific test methods

Kunststoffe - Sortierte Kunststoffabfälle - Teil 3: Qualitätsstufen von sortierten Polypropylen(PP)-Abfällen und spezifische Prüfverfahren

Plastiques - Déchets de plastiques triés - Partie 3: Grades de qualité des déchets de polypropylène (PP) triés et méthodes d'essai spécifiques

Ta slovenski standard je istoveten z: prEN 15347-3

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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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prEN 15347-3

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ICS 83.080.20; 13.030.50

English Version

Plastics - Sorted plastics wastes - Part 3: Quality grades of sorted Polypropylene (PP) wastes and specific test methods

Kunststoffe - Güteklassen für sortierte
Kunststoffabfälle - Teil 3: Polypropylen (PP)

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 COMMITTEE FOR STANDARDIZATION
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

This document (prEN 15347-3:2024) 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 15347-3:2024 (E)**Introduction**

Polypropylene (PP) is used in a variety of applications, mainly for packaging, both flexible and rigid and building and construction where it is used in applications such as pipes, roofing, or insulation. PP is also used in toys and electronic and electrical equipment but as it comes mixed with other plastics, it is not in the scope of this document.

The collection of PP household packaging takes place via separate collection – usually comingled with other plastics and other materials such as aluminium and cardboard (depending on EU Member State) that will be later sorted out in different recycling streams in a sorting centre prior reaching the recycler. PP may be targeted on its own recycling stream, or it may be sorted out together with HDPE, being separated at a later stage at the recycler.

Building and Construction applications organize the collection of demolition waste via private schemes that collect the waste and send it to the recycler directly.

PP 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 customer and establishes standard characteristics to monitor during any sorting or preparation of waste operations.

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 PP waste. Characteristics are defined for products part of the Packaging and Building and Construction sectors.

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.