



BSI Standards Publication

Plastics — Recycled plastics — Characterization of polystyrene (PS) recyclates

National foreword

This British Standard is the UK implementation of EN 15342:2025. It supersedes BS EN 15342:2007, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/89, Plastics - Environmental Aspects.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Plastics - Recycled plastics - Characterization of polystyrene (PS) recyclates

Plastiques - Plastiques recyclés - Caractérisation des
recyclats de polystyrène (PS)

Kunststoffe - Kunststoff-Rezyklate - Charakterisierung
von Polystyrol (PS)-Rezyklaten

This European Standard was approved by CEN on 28 April 2025.

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European foreword

This document (EN 15342:2025) has been prepared by Technical Committee CEN/TC 249 “Plastics”, the secretariat of which is held by SIS.

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of an identical text or by endorsement, at the latest by December 2025, and conflicting national standards shall be withdrawn at the latest by December 2025.

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 15342:2007.

This document includes the following significant changes with respect to EN 15342:2007:

- Scope has been clarified;
- Normative references have been updated;
- Terms and definitions have been updated. In Clause 3, reference to EN 17615 has been added;
- Clause 4 “Symbols and abbreviations” has been added;
- Clause 5 “Characterization of PS recyclates” (formerly Clause 4) and Table 1 “Characterization of PS recyclates” have been completely revised;
- In Clause 6 “Quality assurance” (formerly Clause 5) requirement regarding traceability has been added;
- Annex A: Content of test report has been changed;
- Bibliography was updated.

This document is part of CEN publications on plastics recycling, listed 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*
- EN 18064 (all parts), *Plastics — Quality recommendations and basis for specifications for application of plastic recyclates in products*

- EN 18065, *Plastics — Recycled plastics — Classification of recycled plastics based on Data Quality Levels for use and (digital) trading*
- EN 18067, *Plastics — Recycled plastics — Characterization of Acrylonitrile-Butadiene-Styrene (ABS) recyclates*
- CEN/TR 15353, *Plastics — Recycled plastics — Guidelines for the development of standards for recycled plastics*
- CEN/TR 00249A5G¹, *Plastics recycling — Classification of plastic recyclates as postconsumer recyclates (PCR) and postindustrial recyclates (PIR)*

This document has been prepared under a standardization request addressed to CEN and CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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

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¹ Under preparation.