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Interested committees:

Title: BS EN 18064-3 Plastics Quality recommendations and basis for specifications for application of plastic recyclates in products

Part 3 : Polypropylene (PP)

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

English Version

Plastics Quality recommendations and basis for
specifications for application of plastic recyclates in
products - Part 3 : Polypropylene (PP)

Plastiques - Recommandations qualité et base de
spécification pour l'application des recyclats de
plastiques dans les produits - Partie 3 : Polypropylène
(PP)

Kunststoffe - Qualitätsempfehlungen und Grundlagen
für Spezifikationen für die Verwendung von
Kunststoffrezyklaten in Produkten - 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
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (prEN 18064-3:2024) 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 is part of the prEN 18064¹-series, currently consisting of all parts as listed below. This series of standards consists of a general part 1, and material specific parts for different types of plastics. This particular part covers typical values (ranges, or min/max values) for polypropylene (PP) general purpose plastics, that can be composed of 100 % recyclates (mechanical and/or chemical), or a combination of recyclates and virgin plastic.

This part is supported by other standards on test methods to which references are made throughout this document.

prEN 18064, *Plastics — Quality recommendations and basis for specifications for application of plastic recyclates in products*, is currently composed with the following parts:

- *Part 1: General aspects*
- *Part 2: Polyethylene (PE)*
- *Part 3: Polypropylene (PP)*
- *Part 4: Poly(ethylene terephthalate) (PET)*
- *Part 5: Poly(vinyl chloride) (PVC)*
- *Part 6: Polystyrene (PS)*
- *Part 7: Acrylonitrile-butadiene-styrene (ABS)*

NOTE Part 6 for PS also includes EPS and XPS.

¹ Under preparation.

Introduction

See prEN 18064-1.

1 Scope

This document provides relevant characteristics and typical values for polypropylene (PP) recyclates intended for groups of defined applications (the product families).

The relevant characteristics and typical values for the different product families are derived from the performance requirements of the products belonging to that family, including requirements for product manufacturing processes where applicable.

This document applies to plastic recyclates intended to be used for the manufacturing of (intermediate) products.

This document is intended to be used in conjunction with part 1 of this standard series, which describes the designation system for plastic recyclates. The designation system allows comparison between recycled and virgin material at the level of the polymer's defined designatory properties.

NOTE 1 Examples of designations of plastic recyclates are given in Annex A.

NOTE 2 The selection of relevant properties for a product family is based on EN ISO 10350-1, extended with specific properties related to plastic recyclates.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

prEN 18065², *Plastics - Recycled plastics - Classification of recycled plastics based on Data Quality Levels for use and (digital) trading*

CEN/TR 15353, *Plastics - Recycled plastics - Guidelines for the development of standards for recycled plastics*

prEN 18064-1³, *Plastics - Quality recommendations and basis for specifications for application of plastic recyclates in products - Part 1: General aspects*

EN 12099, *Plastics piping systems - Polyethylene piping materials and components - Determination of volatile content*

EN 15343, *Plastics - Recycled Plastics - Plastics recycling traceability and assessment of conformity and recycled content*

EN 15345, *Plastics - Recycled Plastics - Characterisation of Polypropylene (PP) recyclates*

EN 16516, *Construction products: Assessment of release of dangerous substances — Determination of emissions into indoor air*

EN ISO 60, *Plastics - Determination of apparent density of material that can be poured from a specified funnel (ISO 60)*

EN ISO 75-2, *Plastics - Determination of temperature of deflection under load - Part 2: Plastics and ebonite (ISO 75-2)*

² Under preparation.

³ Under preparation.