



**SLOVENSKI STANDARD**  
**oSIST prEN 18067:2024**  
**01-maj-2024**

---

**Polimerni materiali - Reciklirani polimerni materiali - Karakterizacija reciklatov akrilonitril-butadien-stirena (ABS)**

Plastics - Recycled plastics - Characterization of Acrylonitrile-Butadiene-Styrene (ABS) recyclates

Kunststoffe - Kunststoff-Rezyklate - Charakterisierung von Acrylnitril-Butadien-Styrol (ABS)-Rezyklaten

Plastiques - Plastiques recyclés - Caractérisation des recyclats d'acrylonitrile-butadiène-styrène (ABS)

**Ta slovenski standard je istoveten z: prEN 18067**

[oSIST prEN 18067:2024](https://standards.iteh.com/catalog/standards/sist/73/7330/2130/18067/2024/2022/en/osist-pr-en-18067-2024)

**ICS:**

13.030.50	Recikliranje	Recycling
83.080.01	Polimerni materiali na splošno	Plastics in general

**oSIST prEN 18067:2024**

**en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**prEN 18067**

March 2024

ICS 13.030.50; 83.080.01

English Version

## Plastics - Recycled plastics - Characterization of Acrylonitrile-Butadiene-Styrene (ABS) recyclates

Kunststoffe - Kunststoff-Rezyklate - Charakterisierung  
von Acrylnitril-Butadien-Styrol (ABS)-Rezyklaten

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and United Kingdom.

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.

**Warning** : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.

<https://standards.iteh.ai/catalog/standards/sist/c7757530-2f30-4e79-a02a-c622f2fab6f1/osist-pren-18067-2024>



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

<b>Contents</b>		Page
<b>European foreword</b> .....		<b>3</b>
<b>Introduction</b> .....		<b>4</b>
<b>1</b>	<b>Scope</b> .....	<b>5</b>
<b>2</b>	<b>Normative references</b> .....	<b>5</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>6</b>
<b>4</b>	<b>Symbols and abbreviations</b> .....	<b>6</b>
<b>5</b>	<b>Characterization of ABS recyclates</b> .....	<b>6</b>
<b>6</b>	<b>Quality assurance</b> .....	<b>9</b>
<b>Bibliography</b> .....		<b>10</b>

**iTeh Standards**  
**(<https://standards.iteh.ai>)**  
**Document Preview**

[oSIST prEN 18067:2024](https://standards.iteh.ai/catalog/standards/sist/c7757530-2f30-4e79-a02a-c622f2fab6f1/osist-pren-18067-2024)

<https://standards.iteh.ai/catalog/standards/sist/c7757530-2f30-4e79-a02a-c622f2fab6f1/osist-pren-18067-2024>

## European foreword

This document (prEN 18067:2024) 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 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, *Plastics — Sorted plastics wastes (all parts)*
- 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*

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.

<https://standards.iteh.ai/catalog/standards/sist/c7757530-2f30-4e79-a02a-c622f2fab6f1/osist-pren-18067-2024>

## Introduction

Recycling plastic waste is one type of material recovery process intended to save resources (virgin raw materials, water, and energy), while minimizing harmful emissions into air, water, and soil as well as any impacts on human health. The environmental impact of recycling is assessed over the whole life cycle of the recycling system (from the waste generation point to the disposal of final residues). To ensure that recycling constitutes the best environmental option for treating the available waste, some prerequisites should preferably be met:

- recycling scheme being contemplated should generate lower environmental impacts than alternative recovery options;
- existing or potential market outlets should be identified that will secure a sustainable industrial recycling operation;
- collection and sorting schemes should be properly designed to deliver recyclable plastics waste fractions fitting reasonably well with the available recycling technologies and with the (changing) needs of the identified market outlets, preferably at minimum costs to society.

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.

During their life, products are temporarily out of industrial control. Consequently, at the end user stage, it is often impossible to trace back each individual product and whether it has been used correctly through its life cycle.

iTeh Standards  
(<https://standards.itih.ai>)  
Document Preview

[oSIST prEN 18067:2024](https://standards.itih.ai/catalog/standards/sist/c7757530-2f30-4e79-a02a-c622f2fab6f1/osist-pren-18067-2024)

<https://standards.itih.ai/catalog/standards/sist/c7757530-2f30-4e79-a02a-c622f2fab6f1/osist-pren-18067-2024>