



# SLOVENSKI STANDARD SIST EN ISO 8986-1:2010

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SIST EN ISO 8986-1:2000

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Plastics - Polybutene-1 (PB-1) moulding and extrusion materials - Part 1: Designation system and basis for specifications (ISO 8986-1:2009)

Kunststoffe - Polybuten-1 (PB-1)-Formmassen - Teil 1: Bezeichnungssystem und Basis für Spezifikationen (ISO 8986-1:2009)

Plastiques - Matériaux à base de polybutène-1 (PB-1) pour moulage et extrusion - Partie 1: Système de désignation et base de spécification (ISO 8986-1:2009)

Ta slovenski standard je istoveten z: EN ISO 8986-1:2009

## ICS:

83.080.20      Plastomeri      Thermoplastic materials

SIST EN ISO 8986-1:2010      en,fr,de

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EUROPEAN STANDARD

EN ISO 8986-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2009

ICS 83.080.20

Supersedes EN ISO 8986-1:1999

English Version

Plastics - Polybutene-1 (PB-1) moulding and extrusion materials  
- Part 1: Designation system and basis for specifications (ISO  
8986-1:2009)

Plastiques - Matériaux à base de polybutène-1 (PB-1) pour  
moulage et extrusion - Partie 1: Système de désignation et  
base de spécification (ISO 8986-1:2009)

Kunststoffe - Polybuten-1 (PB-1)-Formmassen - Teil 1:  
Bezeichnungssystem und Basis für Spezifikationen (ISO  
8986-1:2009)

This European Standard was approved by CEN on 21 October 2009.

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This European Standard exists 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 Management Centre has the same status as the official versions.

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

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## Foreword

This document (EN ISO 8986-1:2009) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by May 2010, and conflicting national standards shall be withdrawn at the latest by May 2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 8986-1:1999.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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The text of ISO 8986-1:2009 has been approved by CEN as a EN ISO 8986-1:2009 without any modification.

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# INTERNATIONAL STANDARD

**ISO**  
**8986-1**

Second edition  
2009-11-15

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## Plastics — Polybutene-1 (PB-1) moulding and extrusion materials —

### Part 1: Designation system and basis for specifications

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**  
*Plastiques — Matériaux à base de polybutène-1 (PB-1) pour moulage  
et extrusion —  
Partie 1. Système de désignation et base de spécification*

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Reference number  
ISO 8986-1:2009(E)

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Published in Switzerland



## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 8986-1 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

This second edition cancels and replaces the first edition (ISO 8986-1:1993), which has been technically revised. The main changes are as follows:

- it has been made clear that the standard concerns polybutene-1 as opposed to its isomer polyisobutene;
- density has been deleted as a designatory property;
- the only other designatory property, melt mass-flow rate (MFR), has been replaced by melt volume-flow rate (MVR);
- 190 °C/5,0 kg has been added to the sets of conditions which can be used for the measurement of MVR.

ISO 8986 consists of the following parts, under the general title *Plastics — Polybutene-1 (PB-1) moulding and extrusion materials*:

- *Part 1: Designation system and basis for specifications*
- *Part 2: Preparation of test specimens and determination of properties*