

STN	Plasty Materiály z polyvinylalkoholu (PVAL) Časť 2: Stanovenie vlastností (ISO 15023-2: 2019)	STN EN ISO 15023-2 64 3330
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Plastics - Poly(vinyl alcohol) (PVAL) materials - Part 2: Determination of properties (ISO 15023-2:2019)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 10/19

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English Version

**Plastics - Poly(vinyl alcohol) (PVAL) materials - Part 2:
Determination of properties (ISO 15023-2:2019)**

Plastiques - Matériaux en poly(alcool de vinyle) (PVAL)
- Partie 2: Détermination des propriétés (ISO 15023-
2:2019)

Kunststoffe - Polyvinylalkohol (PVAL)-Werkstoffe - Teil
2: Bestimmung von Eigenschaften (ISO 15023-2:2019)

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EN ISO 15023-2:2019 (E)

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European foreword

This document (EN ISO 15023-2:2019) 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of an identical text or by endorsement, at the latest by October 2019, and conflicting national standards shall be withdrawn at the latest by October 2019.

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.

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Endorsement notice

The text of ISO 15023-2:2019 has been approved by CEN as EN ISO 15023-2:2019 without any modification.

INTERNATIONAL STANDARD

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Plastics — Poly(vinyl alcohol) (PVAL) materials —

Part 2: Determination of properties

*Plastiques — Matériaux en poly(alcool de vinyle) (PVAL) —
Partie 2: Détermination des propriétés*



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ISO 15023-2:2019(E)

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

This second edition cancels and replaces the first edition (ISO 15023-2:2003), which has been technically revised. The main changes compared to the previous edition are as follows:

- the normative references have been updated;
- adjustments have been made due to a new designation system in ISO 15023-1.

A list of all parts in the ISO 15023 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Plastics — Poly(vinyl alcohol) (PVAL) materials —

Part 2: Determination of properties

1 Scope

This document specifies the methods to be used in determining the properties of poly(vinyl alcohol), which is normally prepared by hydrolysis of poly(vinyl acetate) and whose composition comprises vinyl alcohol monomeric units and vinyl acetate monomeric units. This document is applicable to poly(vinyl alcohol) with a vinyl alcohol unit content (degree of hydrolysis) from 70 mol% to 100 mol%.

In addition to the designatory properties specified in ISO 15023-1 (degree of hydrolysis and viscosity of an aqueous solution), this document includes a number of other properties which are commonly used to specify PVAL materials (see [Table 1](#)).

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.

ISO 976, *Rubber and plastics — Polymer dispersions and rubber latices — Determination of pH*

ISO 6587, *Paper, board and pulps — Determination of conductivity of aqueous extracts*

ISO 8130-1, *Coating powders — Part 1: Determination of particle size distribution by sieving*

ISO 12058-1, *Plastics — Determination of viscosity using a falling-ball viscometer — Part 1: Inclined-tube method*

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