# SLOVENSKI STANDARD
# SIST EN ISO 1624:2002

**01-september-2002**

**Nadomeġļa:**
**SIST EN ISO 1624:2000**
**SIST EN ISO 1624:2000/AC:1999**

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**Polimerni materiali - Homo- in kopolimeri vinilklorida - Sejalna analiza v vodi (ISO 1624:2001)**

Plastics - Vinyl choride homopolymer and copolymer resins - Sieve analysis in water (ISO 1624:2001)



Kunststoffe - Vinylchlorid-Homo- und Copolymerisate - Siebanalyse im Wasser (ISO 1624:2001)



Plastiques - Résines d'homopolymères et de copolymères de chlorure de vinyle - Analyse granulométrique par tamisage sous courant d'eau (ISO 1624:2001)

**Ta slovenski standard je istoveten z:** **EN ISO 1624:2001**

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**ICS:**

| | | |
|---|---|---|
| 83.080.20 | Plastomeri | Thermoplastic materials |

**SIST EN ISO 1624:2002** **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# EN ISO 1624

December 2001

ICS 83.080.20

Supersedes EN ISO 1624:1997

English version

# Plastics - Vinyl choride homopolymer and copolymer resins - Sieve analysis in water (ISO 1624:2001)

Plastiques - Résines d'homopolymères et de copolymères de chlorure de vinyle - Analyse granulométrique par tamisage sous courant d'eau (ISO 1624:2001)

Kunststoffe - Vinylchlorid-Homo- und Copolymerisate - Siebanalyse im Wasser (ISO 1624:2001)

This European Standard was approved by CEN on 15 December 2001.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

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 Management Centre has the same status as the official versions.



CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Ref. No. EN ISO 1624:2001 E

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## Foreword

This document (ISO 1624:2001) 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 IBN.

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 June 2002, and conflicting national standards shall be withdrawn at the latest by June 2002.

This document supersedes EN 1624:1997.

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



**Endorsement notice**

The text of ISO 1624:2001 has been approved by CEN as EN ISO 1624:2001 without any modifications.

# INTERNATIONAL STANDARD

# ISO 1624

Second edition
2001-12-15

# Plastics — Vinyl chloride homopolymer and copolymer resins — Sieve analysis in water

*Plastiques — Résines d'homopolymères et de copolymères de chlorure de vinyle — Analyse granulométrique par tamisage sous courant d'eau*



Reference number
ISO 1624:2001(E)

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## 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 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 1624 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.



This second edition cancels and replaces the first edition (ISO 1624:1978), which has been modified in the following respects:

— the drying temperature has been raised from 80 °C to 110 °C;

— a precision statement based on current test data has been included.

# Plastics — Vinyl chloride homopolymer and copolymer resins — Sieve analysis in water

## 1 Scope

This International Standard specifies a method for the determination of the sieve retention of vinyl chloride homopolymer and copolymer resins. Control of this characteristic can help to ensure consistency of supply and predictable processing behaviour.

## 2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.



ISO 565, *Test sieves — Metal wire cloth, perforated metal plate and electroformed sheet — Nominal sizes of openings*



## 3 Term and definition

For the purposes of this International Standard, the following term and definition apply.

**3.1**
**sieve retention**
the percentage, by mass, of resin remaining on the sieve after a sieve analysis test

## 4 Principle

A test portion is sieved under a stream of water, using standard-aperture sieves.

NOTE Sieving under a stream of water gives truer results than a dry sieving method in which static electricity interferes. This method is particularly suited to emulsion resins.

## 5 Reagent

**5.1 Wetting agent**, for example a 5 % to 10 % solution of sodium alkylsulfonate.