



# SLOVENSKI STANDARD

## SIST EN ISO 11909:2007

01-julij-2007

BUXca Yý U  
SIST EN ISO 11909:1998

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**Veziva za barve in lake - Poliizocianatne smole - Splošne metode preskušanja (ISO 11909:2007)**

Binders for paints and varnishes - Polyisocyanate resins - General methods of test (ISO 11909:2007)

Bindemittel für Beschichtungsstoffe - Isocyanatharze - Allgemeine Prüfverfahren (ISO 11909:2007)

Liants pour peintures et vernis - Résines de polyisocyanate - Méthodes générales d'essai (ISO 11909:2007)

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**Ta slovenski standard je istoveten z: EN ISO 11909:2007**

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**ICS:**

87.060.20	Veziva	Binders
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English Version

Binders for paints and varnishes - Polyisocyanate resins -  
General methods of test (ISO 11909:2007)

Liants pour peintures et vernis - Résines de polyisocyanate  
- Méthodes générales d'essai (ISO 11909:2007)

Bindemittel für Beschichtungsstoffe - Isocyanatharze -  
Allgemeine Prüfverfahren (ISO 11909:2007)

This European Standard was approved by CEN on 6 February 2007.

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 CEN 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 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: rue de Stassart, 36 B-1050 Brussels

## Foreword

This document (EN ISO 11909:2007) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with Technical Committee CEN/TC 139 "Paints and varnishes", the secretariat of which is held by DIN.

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 August 2007, and conflicting national standards shall be withdrawn at the latest by August 2007.

This document supersedes EN ISO 11909:1998.

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 United Kingdom.

## Endorsement notice

The text of ISO 11909:2007 has been approved by CEN as EN ISO 11909:2007 without any modifications.

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**Binders for paints and varnishes —  
Polyisocyanate resins — General  
methods of test**

*Liants pour peintures et vernis — Résines de polyisocyanate —  
Méthodes générales d'essai*

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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 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.

ISO 11909 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 10, *Test methods for binders for paints and varnishes*, in collaboration with CEN Technical Committee CEN/TC 139, *Paints and varnishes*.

This second edition cancels and replaces the first edition (ISO 11909:1996), which has been editorially revised and the normative references updated.

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# Binders for paints and varnishes — Polyisocyanate resins — General methods of test

## 1 Scope

This International Standard details general test methods for polyisocyanate resins and solutions of polyisocyanate resins intended for use as binders in paints, varnishes and related products.

## 2 Normative references

The following referenced documents are indispensable for the application 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 385, *Laboratory glassware — Burettes*

ISO 648, *Laboratory glassware — One-mark pipettes*

ISO 1523, *Determination of flash point — Closed cup equilibrium method*

ISO 2811-1, *Paints and varnishes — Determination of density — Part 1: Pyknometer method*

ISO 2811-2, *Paints and varnishes — Determination of density — Part 2: Immersed body (plummet) method*

ISO 2811-3, *Paints and varnishes — Determination of density — Part 3: Oscillation method*

ISO 2811-4, *Paints and varnishes — Determination of density — Part 4: Pressure cup method*

ISO 3219, *Plastics — Polymers/resins in the liquid state or as emulsions or dispersions — Determination of viscosity using a rotational viscometer with defined shear rate*

ISO 3251, *Paints, varnishes and plastics — Determination of non-volatile-matter content*

ISO 3679, *Determination of flash point — Rapid equilibrium closed cup method*

ISO 3696, *Water for analytical laboratory use — Specification and test methods*

ISO 4630-1, *Clear liquids — Estimation of colour by the Gardner colour scale — Part 1: Visual method*

ISO 4630-2, *Clear liquids — Estimation of colour by the Gardner colour scale — Part 2: Spectrophotometric method*

ISO 6271-1, *Clear liquids — Estimation of colour by the platinum-cobalt scale — Part 1: Visual method*

ISO 6271-2, *Clear liquids — Estimation of colour by the platinum-cobalt scale — Part 2: Spectrophotometric method*

ISO 10283, *Binders for paints and varnishes — Determination of monomeric diisocyanates in polyisocyanate resins*

ISO 15528, *Paints, varnishes and raw materials for paints and varnishes — Sampling*