



**SLOVENSKI STANDARD**  
**SIST EN ISO 11908:1998**  
**01-avgust-1998**

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**Veziva za barve in lake - Amino smole - Splošne metode preskušanja (ISO 11908:1996)**

Binders for paints and varnishes - Amino resins - General methods of test (ISO 11908:1996)

Bindemittel für Beschichtungsstoffe - Aminharze - Allgemeine Prüfverfahren (ISO 11908:1996)

**iTeh STANDARD PREVIEW**  
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Liants pour peintures et vernis - Résines aminoplastes - Méthodes générales d'essai (ISO 11908:1996)

[SIST EN ISO 11908:1998](https://standards.iteh.ai/catalog/standards/sist/cfef872e-7242-4a5f-a6e9-1cf54aeab8ab/sist-en-iso-11908-1998)

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**Ta slovenski standard je istoveten z: EN ISO 11908:1998**

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**ICS:**

87.060.20      Veziva      Binders

**SIST EN ISO 11908:1998**      **en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN ISO 11908

April 1998

ICS 87.060.20

Descriptors: see ISO document

English version

Binders for paints and varnishes - Amino resins - General  
methods of test (ISO 11908:1996)

Liants pour peintures et vernis - Résines aminoplastes -  
Méthodes générales d'essai (ISO 11908:1996)

Bindemittel für Beschichtungsstoffe - Aminharze -  
Allgemeine Prüfverfahren (ISO 11908:1996)

This European Standard was approved by CEN on 26 March 1998.

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 Central Secretariat 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 Central Secretariat 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.

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

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## Foreword

The text of the International Standard from Technical Committee ISO/TC 35 "Paints and varnishes" of the International Organization for Standardization (ISO) has been taken over as an European Standard by 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 month of October 1998, and conflicting national standards shall be withdrawn at the latest by October 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, 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 the International Standard ISO 11908:1996 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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**Annex ZA (normative)**  
**Normative references to international publications**  
**with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 3219	1993	Plastics - Polymers/resins in the liquid state or as emulsions or dispersions - Determination of viscosity using a rotational viscometer with defined shear rate	EN ISO 3219	1994
ISO 3251	1993	Paints and varnishes - Determination of non-volatile matter of paints, varnishes and binders for paints and varnishes	EN ISO 3251	1995
ISO 3679	1983	Paints, varnishes, petroleum and related products - Determination of flashpoint - Rapid equilibrium method	EN 456	1991

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# INTERNATIONAL STANDARD

**ISO**  
**11908**

First edition  
1996-06-01

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

### **iTeh STANDARD PREVIEW**

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

[SIST EN ISO 11908:1998](https://standards.iteh.ai/catalog/standards/sist/cfef872e-7242-4a5f-a6e9-1c54acab8ab/sist-en-iso-11908-1998)

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Reference number  
ISO 11908:1996(E)

**ISO 11908:1996(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.

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.

International Standard ISO 11908 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 10, *Test methods for binders for paints and varnishes*.

Annex A forms an integral part of this International Standard.

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International Organization for Standardization  
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# Binders for paints and varnishes — Amino resins — General methods of test

## 1 Scope

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

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 842:1984, *Raw materials for paints and varnishes — Sampling*.

ISO 1523:1983, *Paints, varnishes, petroleum and related products — Determination of flashpoint — Closed cup equilibrium method*.

ISO 2811:1974, *Paints and varnishes — Determination of density*.

ISO 3219:1993, *Plastics — Polymers/resins in the liquid state or as emulsions or dispersions — Determination of viscosity using a rotational viscometer with defined shear rate*

ISO 3251:1993, *Paints and varnishes — Determination of non-volatile matter of paints, varnishes and binders for paints and varnishes*.

ISO 3679:1983, *Paints, varnishes, petroleum and related products — Determination of flashpoint — Rapid equilibrium method*.

ISO 3682:1996, *Binders for paints and varnishes — Determination of acid value — Titrimetric method*.

ISO 4630:1981, *Binders for paints and varnishes — Estimation of colour of clear liquids by the Gardner colour scale*.

ISO 6271:1981, *Clear liquids — Estimation of colour by the platinum-cobalt scale*.

ISO 9020:1994, *Binders for paints and varnishes — Determination of free-formaldehyde content of amino resins — Sodium sulfite titrimetric method*.

## 3 Definition

For the purposes of this International Standard, the following definition applies.

**3.1 amino resin:** Synthetic resin resulting from the condensation of melamine or urea or their derivatives such as benzoguanamine with formaldehyde. These resins are often etherified with alcohols.

## 4 Properties and test methods

Unless otherwise agreed, the properties to be measured and the test methods to be used shall be as given in table 1.