

<b>STN</b>	<b>Usne</b> <b>Skúšky stálofarebnosti</b> <b>Všeobecné princípy skúšania (ISO 7906: 2022)</b>	<b>STN</b> <b>EN ISO 7906</b>  79 3850
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Leather - Tests for colour fastness - General principles of testing (ISO 7906:2022)

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. 01/23

Obsahuje: EN ISO 7906:2022, ISO 7906:2022

**136190**

EUROPEAN STANDARD

EN ISO 7906

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2022

ICS 59.140.30

English Version

## Leather - Tests for colour fastness - General principles of testing (ISO 7906:2022)

Cuir - Essais de solidité des coloris - Principes généraux s'appliquant aux essais (ISO 7906:2022)

Leder - Farbechtheitsprüfungen - Allgemeine Grundsätze der Prüfung (ISO 7906:2022)

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**EN ISO 7906:2022 (E)**

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## **European foreword**

This document (EN ISO 7906:2022) has been prepared by Technical Committee ISO/IULTCS "International Union of Leather Technologists and Chemists Societies" in collaboration with Technical Committee CEN/TC 289 "Leather" the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by May 2023, and conflicting national standards shall be withdrawn at the latest by May 2023.

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**INTERNATIONAL  
STANDARD**

**ISO  
7906**

**IULTCS  
IUF 120**

First edition  
2022-10

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**Leather — Tests for colour fastness —  
General principles of testing**

*Cuir — Essais de solidité des coloris — Principes généraux  
s'appliquant aux essais*



Reference numbers  
ISO 7906:2022(E)  
IULTCS/IUF 120:2022(E)

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Published in Switzerland

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**ISO 7906:2022(E)**  
**IULTCS/IUF 120:2022(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](http://www.iso.org/directives)).

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Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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](http://www.iso.org/iso/foreword.html).

IULTCS, originally formed in 1897, is a world-wide organization of professional leather societies to further the advancement of leather science and technology. IULTCS has three Commissions, which are responsible for establishing international methods for the sampling and testing of leather. ISO recognizes IULTCS as an international standardizing body for the preparation of test methods for leather.

This document was prepared by the Fastness Tests Commission of the International Union of Leather Technologists and Chemists Societies (IUF Commission, IULTCS), in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 289, *Leather*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

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](http://www.iso.org/members.html).



# Leather — Tests for colour fastness — General principles of testing

## 1 Scope

This document specifies general principles on colour fastness evaluation tests for leather, as listed in [Annex A](#).

Procedures included in this document are common to most of the fastness test methods.

This document provides a common basis for testing and reporting colour fastness. The uses and limitations of the methods are pointed out, several terms are defined, an outline of the drafting of the methods is given and the contents of the clauses describing the methods are discussed.

Procedures common to a number of the methods are discussed briefly.

Colour fastness means the resistance of the colour to the different agents to which these materials can be exposed during manufacture and their subsequent use.

The change in colour of leather and staining of undyed adjacent fabrics or other materials are assessed as fastness ratings.

Other visible changes in the leather under test, for example surface appearance, change in gloss or shrinkage, are considered as separate properties and reported as such.

The leather fastness test methods can be used not only for assessing leather and related materials, such as coated leather and leather board, but also for the eventual assessment of the colour fastness of leather dyes. When such a method is so used, the dye is applied to a specified retanned leather or crust leather in defined depths of colour by stated procedures and the material is then tested in the usual way.

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

ISO 15115, *Leather — Vocabulary*

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