

SLOVENSKI STANDARD
SIST EN ISO 7759:2012**01-januar-2012****Nadomešča:****SIST EN 12373-13:2002****Anodizacija aluminija in aluminijevih zlitin - Merjenje značilnic odbojnosti aluminijevih površin z goniofotometrom ali poenostavljenim goniofotometrom (ISO 7759:2010)**

Anodizing of aluminium and its alloys - Measurement of reflectance characteristics of aluminium surfaces using a goniofotometer or an abridged goniofotometer (ISO 7759:2010)

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Anodisieren von Aluminium und Aluminiumlegierungen - Messung der Reflexionseigenschaften von Aluminiumoberflächen mit vereinfachtem oder Präzisions-Goniofotometer (ISO 7759:2010) [SIST EN ISO 7759:2012](https://standards.iteh.ai/catalog/standards/sist/88aac2ac-ec8b-4a4a-8d85-d748458c3c68/sist-en-iso-7759-2012)

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Anodisation de l'aluminium et de ses alliages - Mesurage des caractéristiques de réflectivité des surfaces d'aluminium à l'aide d'un goniofotomètre normal ou simplifié (ISO 7759:2010)

Ta slovenski standard je istoveten z: EN ISO 7759:2010**ICS:**

25.220.20	Površinska obdelava	Surface treatment
77.120.10	Aluminij in aluminijeve zlitine	Aluminium and aluminium alloys

SIST EN ISO 7759:2012**en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

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English Version

Anodizing of aluminium and its alloys - Measurement of reflectance characteristics of aluminium surfaces using a goniophotometer or an abridged goniophotometer (ISO 7759:2010)

Anodisation de l'aluminium et de ses alliages - Mesurage des caractéristiques de réflectivité des surfaces d'aluminium à l'aide d'un goniophotomètre normal ou simplifié (ISO 7759:2010)

Anodisieren von Aluminium und Aluminiumlegierungen - Messung der Reflexionseigenschaften von Aluminiumoberflächen mit einem Goniophotometer oder mit einem vereinfachten Goniophotometer (ISO 7759:2010)

This European Standard was approved by CEN on 31 August 2010.

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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.

[SIST EN ISO 7759:2012](https://standards.iteh.ai/SIST/EN/ISO/7759/2012)

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Foreword

The text of ISO 7759:2010 has been prepared by Technical Committee ISO/TC 79 "Light metals and their alloys" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 7759:2010 by Technical Committee CEN/TC 132 "Aluminium and aluminium alloys" the secretariat of which is held by AFNOR.

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 March 2011, and conflicting national standards shall be withdrawn at the latest by March 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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INTERNATIONAL
STANDARD

ISO
7759

Second edition
2010-09-01

**Anodizing of aluminium and its alloys —
Measurement of reflectance
characteristics of aluminium surfaces
using a goniophotometer or an abridged
goniophotometer**

*Anodisation de l'aluminium et de ses alliages — Mesurage des
caractéristiques de réflectivité des surfaces d'aluminium à l'aide d'un
goniophotomètre normal ou simplifié*

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Reference number
ISO 7759:2010(E)

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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
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ISO 7759:2010(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.

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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 7759 was prepared by Technical Committee ISO/TC 79, *Light metals and their alloys*, Subcommittee SC 2, *Organic and anodic oxidation coatings on aluminium*.

This second edition cancels and replaces the first edition (ISO 7759:1983), which has been technically revised.

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Introduction

The visual appearance of metallic finishes is important commercially on metals for automotive, architectural, and other uses where these metals undergo special finishing processes to produce the desired appearance. For end-products which use such finished metals, it is important that parts placed together have the same appearance. Specular reflectance is one of the properties measured, but additional measurements are usually required to identify adequately the appearance of any metal surface. In the method described in this International Standard, several important aspects of surface appearance are identified and can be measured. Those surfaces having identical sets of numbers will normally have the same reflectance characteristics and the same appearance (see References [1], [2] and [3]).

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