

SLOVENSKI STANDARD oSIST ISO 2470-1:2013

01-februar-2013

Papir, karton in lepenka - Merjenje faktorja razpršene odsevnosti v modrem - 1. del: Pogoji osvetlitve v prostoru (belina po ISO)

Paper, board and pulps -- Measurement of diffuse blue reflectance factor -- Part 1: Indoor daylight conditions (ISO brightness)

Papier, carton et pâtes -- Mesurage du facteur de réflectance diffuse dans le bleu -- Partie 1: Conditions d'éclairage intérieur de jour (degré de blancheur ISO)

Ta slovenski standard je istoveten z: ISO 2470-1:2009

ICS:

85.040 Vlaknine Pulps

85.060 Papir, karton in lepenka Paper and board

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INTERNATIONAL STANDARD

ISO 2470-1

First edition 2009-10-01

Paper, board and pulps — Measurement of diffuse blue reflectance factor —

Part 1: Indoor daylight conditions (ISO brightness)

Papier, carton et pâtes — Mesurage du facteur de réflectance diffuse dans le bleu —

Partie 1: Conditions d'éclairage intérieur de jour (degré de blancheur ISO)



ISO 2470-1:2009(E)

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ISO 2470-1:2009(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 2470-1 was prepared by Technical Committee ISO/TC 6, Paper, board and pulps.

This first edition cancels and replaces ISO 2470:1999, which has been technically revised.

ISO 2470 consists of the following parts, under the general title *Paper, board and pulps* — *Measurement of diffuse blue reflectance factor*:

- Part 1: Indoor daylight conditions (ISO brightness)
- Part 2: Outdoor daylight conditions (D65 brightness)

ISO 2470-1:2009(E)

Introduction

The reflectance factor (radiance factor) depends on the conditions of measurement, particularly the spectral and geometric characteristics of the instrument used. This part of ISO 2470 should therefore be read in conjunction with ISO 2469 which defines the geometric characteristics of the instrument and also defines the photometric calibration procedure to be adopted.

The definition of ISO brightness is historically linked to the Zeiss Elrepho instrument having, as a light source, an incandescent lamp which excites fluorescence to only a limited extent. It is specified here that, in instruments of the abridged spectrophotometer or filter colorimeter type, the UV content of the illumination be adjusted to conform to the CIE illuminant C as defined by a fluorescent reference standard having an assigned value of ISO brightness as described in Annex B. Only if this is done may the property measured on a fluorescent material be called ISO brightness.

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