

SLOVENSKI STANDARD
SIST EN 15534-1:2014/oprA1:2017
01-marec-2017

Kompoziti iz materialov na osnovi celuloze in plastomerov (navadno imenovani lesno-polimerni kompoziti (WPC) ali kompoziti iz naravnih vlaken (NFC)) - 1. del: Preskusne metode za karakterizacijo spoj in proizvodov

Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) - Part 1: Test methods for characterisation of compounds and products

Verbundwerkstoffe aus cellulosehaltigen Materialien und Thermoplasten (üblicherweise Holz-Polymer-Werkstoffe (WPC) oder Naturfaserverbundwerkstoffe (NFC) genannt) - Teil 1: Prüfverfahren zur Beschreibung von Compounds und Erzeugnissen

Composites à base de matières cellulosiques et de thermoplastiques (communément appelés composites bois-polymères (WPC) ou composites fibres d'origine naturelle (NFC)) - Partie 1 : Méthodes d'essai pour la caractérisation des compositions et des produits

Ta slovenski standard je istoveten z: EN 15534-1:2014/prA1

ICS:

79.080	Polizdelki iz lesa	Semi-manufactures of timber
83.140.99	Drugi izdelki iz gume in polimernih materialov	Other rubber and plastics products

SIST EN 15534-1:2014/oprA1:2017 **en,fr,de**

EUROPEAN STANDARD
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EUROPÄISCHE NORM

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ICS 79.080; 83.080.01; 83.140.99

English Version

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This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 249.

This draft amendment A1, if approved, will modify the European Standard EN 15534-1:2014. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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-CENELEC Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (EN 15534-1:2014/prA1:2017) has been prepared by Technical Committee CEN/TC 249 “Plastics”, the secretariat of which is held by NBN.

This document is currently submitted to the CEN Enquiry.

EN 15534-1:2014/prA1:2017 (E)

Introduction

(For explanation purposes only:)

ISO 7724-1:1984, ISO 7724-2:1984 and ISO 7724-3:1984 were withdrawn in 2013 without indication of the replacement solution. EN ISO 11507:2007 was revised by EN ISO 16474-3:2013.

1 Modifications to Clause 2, Normative references

Delete the following references:

"EN ISO 11507:2007, *Paints and varnishes — Exposure of coatings to artificial weathering — Exposure to fluorescent UV lamps and water (ISO 11507:2007)*"; and

"ISO 7724-1, *Paints and varnishes — Colourimetry — Part 1: Principles*

ISO 7724-2, *Paints and varnishes — Colourimetry — Part 2: Colour measurement*

ISO 7724-3, *Paints and varnishes — Colourimetry — Part 3: Calculation of colour differences*".

Add the following references before EN ISO 11925-2:

"EN ISO 11664-1, *Colorimetry — Part 1: CIE standard colorimetric observers (ISO 11664-1)*

EN ISO 11664-2, *Colorimetry — Part 2: CIE standard illuminants (ISO 11664-2)*

EN ISO 11664-4, *Colorimetry — Part 4: CIE 1976 L*a*b* Colour space (ISO 11664-4)*".

Add the following reference after EN ISO 11925-2:

"EN ISO 16474-3:2013, *Paints and varnishes - Methods of exposure to laboratory light sources — Part 3: Fluorescent UV lamps (ISO 16474-3:2013)*".

Add the following reference after ISO 16869:

"ISO 18314-1, *Analytical colourimetry — Part 1: Practical colour measurement*".

2 Modification to 8.1.1, Test methods for artificial weathering

In the 2nd paragraph, replace "EN ISO 11507:2007" with "EN ISO 16474-3:2013".

3 Modification to 8.1.2, Methods for assessing of the resistance to artificial weathering

Replace the 1st indent with:

"

- the difference of colour expressed according to the grey scale described in EN 20105-A02 or the difference of colour, ΔL^* , Δa^* , Δb^* , ΔE^* determined according to 8.1.3."

4 Addition of Subclause 8.1.3, Determination of colorimetric coordinates

Add the following new Subclause 8.1.3:

"

8.1.3 Determination of colorimetric coordinates

The coordinates of the CIE 1976 L*a*b* colour space and the colour differences ΔE^*_{ab} , as defined in EN ISO 11664-4, shall be determined according to the method specified in ISO 18314-1, with the following conditions:

- standard illuminant D65, defined in EN ISO 11664-2;
- using observing fields of 2° or 10° angular subtense, defined in EN ISO 11664-1;
- measurement including the specular reflection and the geometry di:8° (without gloss trap)."

EN 15534-1:2014/prA1:2017 (E)

5 Modification to 8.2.2, Methods for assessing of the resistance to natural ageing

Replace the 1st indent with:

“

- the difference of colour expressed according to the grey scale described in EN 20105-A02 or the difference of colour, ΔL^* , Δa^* , Δb^* , ΔE^* determined according to 8.1.3;”

6 Modification to 8.6, Resistance to salt spray

Replace the 1st indent with:

“

- the difference of colour expressed according to the grey scale described in EN 20105-A02 or the difference of colour, ΔL^* , Δa^* , Δb^* , ΔE^* determined according to 8.1.3;”