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Plastics pipes and fittings - Utilisation of thermoplastics recyclates - Part 1: Vocabulary

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Plastics pipes and fittings - Utilisation of thermoplastics recyclates - Part 1: Vocabulary

Tubes et raccords en plastique - Utilisation de recyclats
thermoplastiques - Partie 1 : VocabulaireKunststoff-Rohrleitungen und -Formstücke -
Verwendung von thermoplastischen Rezyklaten - Teil
1: Begriffe

This European Standard was approved by CEN on 7 February 2022.

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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-CENELEC Management Centre has the same status as the official versions.

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EN 14541-1:2022 (E)

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European foreword

This document (EN 14541-1:2022) has been prepared by Technical Committee CEN/TC 155 “Plastics piping systems and ducting systems”, the secretariat of which is held by NEN.

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of an identical text or by endorsement, at the latest by November 2022, and conflicting national standards shall be withdrawn at the latest by November 2022.

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

This document, together with Part 2 of the EN 14541 series, supersedes CEN/TS 14541:2013.

This document is part of the new EN 14541 series, which will consist of the following parts under the general title *Plastics pipes and fittings - Utilisation of thermoplastics recyclates*:

- a) *Part 1: Vocabulary* (this document);
- b) *Part 2: Recommendations for relevant characteristics*.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 14541-1:2022 (E)

Introduction

The EN 14541 series is intended to give recommendations to the value chain of thermoplastics piping systems to stimulate the use of thermoplastics recyclates (e.g. PVC-U, PVC-C, PE, PP, and ABS) as defined in the European circular economy policy.

This part of the EN 14541 series defines the relevant terms and definitions related to the use of thermoplastics recyclates in thermoplastics pipes and fittings. The commonly used terms and definitions are reviewed, and as much as possible aligned with the practises within the thermoplastics pipes and fittings value chain and the vocabulary used in European policy documents (e.g. circular economy, sustainability) and existing international standards.

Part 2 is a CEN/TS document in which recommendations are given about the relevant characteristics for defining (e.g. fingerprinting) commonly used thermoplastics recyclates intended to be used in thermoplastics pipes and fittings.

NOTE These characteristics are intended for use within an agreed specification.

CEN/TC 249 “Plastics” developed a series of CEN publications on “Plastics Recycling” which consists of: EN 15343 [1], EN 15344 [2], EN 15345 [3], EN 15346 [4], CEN/TS 16010 [5] and CEN/TS 16011 [6].

Other documents that discuss recycling are e.g. ISO 15270 [7] and Waste Framework Directive [8].

1 Scope

This document specifies the general terms and definitions relevant for the utilization of thermoplastics recyclates in thermoplastics pipes, fittings and ancillaries for both pressure and non-pressure piping systems.

This document is intended to be used by specification writers in conjunction with CEN/TS 14541-2 when preparing normative documents under the scope of CEN/TC 155.

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.

EN ISO 472:2013¹, *Plastics - Vocabulary (ISO 472:2013)*

CEN/TS 14541-2, *Plastics pipes and fittings - Utilisation of thermoplastics recyclates - Part 2: Recommendations for relevant characteristics*

CEN/TR 15353, *Plastics - Recycled plastics - Guidelines for the development of standards for recycled plastics*

EN ISO 1043-1, *Plastics - Symbols and abbreviated terms - Part 1: Basic polymers and their special characteristics (ISO 1043-1)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ As impacted by EN ISO 472:2013/A1:2018.