
Polimerni materiali - Profili iz trdega polivinilklorida (PVC-U) za izdelavo oken in vrat - Terminologija za materiale na osnovi PVC

Plastics - Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors - Terminology of PVC based materials

Kunststoffe - Profile aus weichmacherfreiem Polyvinylchlorid (PVC-U) zur Herstellung von Fenstern und Türen - Terminologie von Werkstoffen auf Basis von PVC

Plastiques - Profilés de polychlorure de vinyle non plastifié (PVC-U) pour la fabrication des fenêtres et des portes - Terminologie des matériaux à base de PVC

<https://standards.iteh.ai/catalog/standards/sist/5762e8fb-8b7b-48c8-8fc0-430dbd9049b/sist-en-17508-2021>

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ICS:

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91.060.50	Vrata in okna	Doors and windows

SIST EN 17508:2021**en,fr,de**

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EUROPEAN STANDARD

EN 17508

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English Version

Plastics - Unplasticized poly(vinyl chloride) (PVC-U) profiles for the fabrication of windows and doors - Terminology of PVC based materials

Plastiques - Profilés de poly(chlorure de vinyle) non
plastifié (PVC-U) pour la fabrication des fenêtres et des
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und Türen - Terminologie von Werkstoffen auf Basis
von PVC

This European Standard was approved by CEN on 12 April 2021.

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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 17508:2021) has been prepared by Technical Committee CEN/TC 249 “Plastics”, the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by November 2021, and conflicting national standards shall be withdrawn at the latest by November 2021.

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.

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EN 17508:2021 (E)**1 Scope**

This document defines the origin of recyclate made from pre-consumer waste and post-consumer waste as it is used in new products. It distinguishes between different PVC materials used in production for PVC window and door profiles.

It specifies terms and definitions for different PVC based materials used for the production of unplasticized poly(vinyl chloride) (PVC-U) profiles for windows and doors.

This document serves as the reference standard for definitions used in related standards such as all parts of EN 12608, EN 17410 or standards for PVC based profiles for building applications.

NOTE A visualization of PVC material stream can be found in Annex A of EN 17410:—¹.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— ISO Online browsing platform: available at <https://www.iso.org/obp>

— IEC Electropedia: available at <https://www.electropedia.org/>

3.1**material**

PVC-U compound in a form of granules or powder for the production of PVC-U profiles intended to be used for the fabrication of a window or door

3.2**defined formulation**

formulation which is a specified composition of polymer, additives and pigments

3.3**virgin unplasticized poly(vinyl chloride)****virgin PVC-U**

material of a defined formulation, which has not been used or processed other than required for its manufacture and to which no rPVC-U (3.6) has been added

Note 1 to entry: Material can be UV resistant, non-UV resistant, or reduced-UV resistant.

3.3.1**UV resistant material****UVM**

material of a defined formulation which fullfills weathering resistance

Note 1 to entry: Weathering resistance shall be defined in the referring standard.

¹ Under preparation. Stage at the time of publication: FprEN 17410:2021.

3.3.2**reduced-UV resistant material****RUVM**

material of a defined formulation which fullfills reduced weathering resistance

Note 1 to entry: Weathering resistance shall be defined in the referring standard.

3.3.3**non-UV resistant material****NUVM**

material of a defined formulation which does not necessarily satisfy the requirements of the resistance to weathering

Note 1 to entry: Weathering resistance shall be defined in the referring standard.

3.4**internally reused material****IRM**

reused material from internally extruded, virgin material; this includes mismeasured, unused products and offcuts

Note 1 to entry: Different defined formulations shall not be mixed.

Note 2 to entry: Material can be UV resistant, non-UV resistant, or reduced-UV resistant.

Note 3 to entry: "Internally" refers to the same profile manufacturing company group even if located at different sites.

3.5**PVC-U waste**

PVC-U profile material which the holder discards or intends or is required to discard

[SOURCE: EN ISO 472:2013, 2.1710, modified: "any material or object" replaced by "PVC-U profile material"]

3.5.1**PVC-U pre-consumer waste**

material diverted during a manufacturing process of profiles and/or windows or doors and which the holder discards or intends or is required to discard

Note 1 to entry: The term post-industrial waste is sometimes used synonymously.

[SOURCE: EN ISO 472:2013, 2.1701, modified: in the definition "descriptive term covering" deleted and "of profiles and/or windows or doors which the holder discards or intends or is required to discard" added; in NOTE 1 "material" replaced by "waste", NOTE 2 deleted]

3.5.2**PVC-U post-consumer waste**

material, generated by the end-users of products, that has fulfilled its intended purpose or can no longer be used and which the holder discards or intends or is required to discard (including PVC-U waste from installation)

[SOURCE: EN ISO 472:2013, 2.1700, modified: in the definition "descriptive term covering" deleted, "and which the holder discards or intends or is required to discard" added, "material returned" replaced by "PVC-U waste" and "within the distribution chain" replaced by "installation"]