

STN	Plasty Vytlačané a (alebo) kalandrované nevystužené fólie alebo dosky z mäkkého polyvinylchloridu (PVC-P) Charakterizácia a označovanie	STN EN 15354 64 6219
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Plastics - Extruded and/or calendered, non-reinforced film and sheeting made of plasticized poly(vinyl chloride) (PVC-P) - Characterization and designation

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/23

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EUROPEAN STANDARD

EN 15354

NORME EUROPÉENNE

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Supersedes CEN/TS 15354:2006

English Version

Plastics - Extruded and/or calendered, non-reinforced film
and sheeting made of plasticized poly(vinyl chloride)
(PVC-P) - Characterization and designation

Plastiques - Film et feuille en poly(chlorure de vinyle)
plastifié (PVC-P) extrudés et/ou calandrés, non
renforcés - Caractérisation et désignation

Kunststoffe - Extrudierte und/oder kalandrierte
nichtverstärkte Folien und Bahnen aus
weichmacherhaltigem Polyvinylchlorid (PVC-P) -
Leitfaden für die Charakterisierung und Bezeichnung

This European Standard was approved by CEN on 19 September 2022.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of 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, Türkiye and United Kingdom.



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

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EN 15354:2022 (E)

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European foreword

This document (EN 15354:2022) 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 April 2023, and conflicting national standards shall be withdrawn at the latest by April 2023.

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 supersedes CEN/TS 15354:2006.

In comparison with the previous edition, the following technical modifications have been made:

- Document transposed from TS into EN;
- Normative references updated;
- Table 1 revised.

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, Türkiye and the United Kingdom.

EN 15354:2022 (E)**1 Scope**

This document specifies the characterization and the designation of extruded and/or calendered, non-reinforced film or sheeting made of plasticized poly(vinyl chloride) (PVC-P). It specifies the corresponding test methods for the assessment of the characteristics.

This document is applicable to film and sheeting in the range of thickness from 0,05 mm to 1 mm.

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 14469-4, *Pigments and extenders — Testing of colouring materials in plasticized polyvinyl chloride (PVC-P) — Part 4: Determination of bleeding of colouring materials*

EN ISO 176, *Plastics — Determination of loss of plasticizers — Activated carbon method (ISO 176)*

EN ISO 177, *Plastics — Determination of migration of plasticizers (ISO 177)*

EN ISO 291, *Plastics — Standard atmospheres for conditioning and testing (ISO 291)*

EN ISO 527-1, *Plastics — Determination of tensile properties — Part 1: General principles (ISO 527-1)*

EN ISO 527-3, *Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets (ISO 527-3)*

EN ISO 877 (all parts), *Plastics — Methods of exposure to solar radiation (ISO 877)*

EN ISO 1183 (all parts), *Plastics — Method for determining the density and relative density of non-cellular plastics (ISO 1183)*

EN ISO 2812 (all parts), *Paints and varnishes — Determination of resistance to liquids (ISO 2812)*

EN ISO 3451-5, *Plastics — Determination of ash — Part 5: Poly(vinyl chloride) (ISO 3451-5)*

EN ISO 4892-1, *Plastics — Methods of exposure to laboratory light sources — Part 1: General guidance (ISO 4892-1)*

EN ISO 4892-2, *Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps (ISO 4892-2)*

EN ISO 6383-1, *Plastics — Film and sheeting — Determination of tear resistance — Part 1: Trouser tear method (ISO 6383-1)*

EN ISO 6383-2, *Plastics — Film and sheeting — Determination of tear resistance — Part 2: Elmendorf method (ISO 6383-2)*

EN ISO 11501, *Plastics — Film and sheeting — Determination of dimensional change on heating (ISO 11501)*

EN ISO 11502, *Plastics — Film and sheeting — Determination of blocking resistance (ISO 11502)*

EN ISO 11664 (all parts), *Colorimetry (ISO 11664)*

EN ISO 18314-1, *Analytical colorimetry — Part 1: Practical colour measurement (ISO 18314-1)*

ISO 4582, *Plastics — Determination of changes in colour and variations in properties after exposure to glass-filtered solar radiation, natural weathering or laboratory radiation sources*

ISO 4591, *Plastics — Film and sheeting — Determination of average thickness of a sample, and average thickness and yield of a roll, by gravimetric techniques (gravimetric thickness)*

ISO 4592, *Plastics — Film and sheeting — Determination of length and width*

ISO 4593, *Plastics — Film and sheeting — Determination of thickness by mechanical scanning*

ISO 4892-4, *Plastics — Methods of exposure to laboratory light sources — Part 4: Open-flame carbon-arc lamps*

ISO 8570, *Plastics — Film and sheeting — Determination of cold-crack temperature*

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