

STN	Plasty Plastové fólie Stanovenie pevnosti v ďalšom trhaní použitím lichobežníkového skúšobného telesa s vrubom	STN EN 17679 64 6009
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Plastics - Plastic films - Determination of tear resistance using a trapezoidal test specimen with incision

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

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English Version

Plastics - Plastic films - Determination of tear resistance using a trapezoidal test specimen with incision

Plastiques - Films plastiques - Détermination de la
résistance au déchirement sur éprouvettes
trapézoïdales avec incision

Kunststoffe - Kunststofffolien - Bestimmung des
Weiterreißwiderstands unter Verwendung eines
trapezförmigen Probekörpers mit Einschnitt

This European Standard was approved by CEN on 22 May 2022.

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN 17679:2022 (E)

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European foreword

This document (EN 17679:2022) 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of an identical text or by endorsement, at the latest by December 2022, and conflicting national standards shall be withdrawn at the latest by December 2022.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 is based on DIN 53363:2003-10.

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EN 17679:2022 (E)**1 Scope**

This document specifies a method of determining the tear resistance of a plastic film under specified conditions. It is applicable to products that, because of their flexibility, do not tear when clamped between the grips of a tensile testing machine. The method makes it possible to compare samples of different products provided their thickness does not differ by more than 10 %.

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 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 7500-1, *Metallic materials - Calibration and verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Calibration and verification of the force-measuring system (ISO 7500-1)*

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

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