

<b>STN</b>	<b>Skúšanie zváraných spojov polotovarov z termoplastov Časť 5: Makroskopické skúšanie</b>	<b>STN EN 12814-5</b>  64 0367
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Testing of welded joints of thermoplastics semi-finished products - Part 5: Macroscopic examination

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. 03/26

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Oznámením tejto normy sa ruší  
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EUROPEAN STANDARD

EN 12814-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 12814-5:2000

English Version

## Testing of welded joints of thermoplastics semi-finished products - Part 5: Macroscopic examination

Essai des assemblages soudés sur produits semi-finis  
en thermoplastiques - Partie 5 : Examen  
macroscopique

Prüfen von Schweißverbindungen aus  
thermoplastischen Kunststoffen - Teil 5:  
Makroskopische Untersuchung

This European Standard was approved by CEN on 19 October 2025.

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

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**EN 12814-5:2025(E)**

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## European foreword

This document (EN 12814-5:2025) has been prepared by Technical Committee CEN/TC 249 “Plastics”, the secretariat of which is held by SIS.

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of an identical text or by endorsement, at the latest by June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

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 EN 12814-5:2000.

EN 12814-5:2025 includes the following significant technical changes with respect to EN 12814-5:2000:

- there are no normative references;
- a bibliography has been introduced.

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 12814-5:2025(E)****1 Scope**

This document specifies the cutting and preparation of test specimens and the conditions for performing the macroscopic examination of the test specimens.

The test is applicable to welded assemblies made from thermoplastics materials filled or unfilled, using the following processes:

- hot gas welding: round nozzle, high speed nozzle, wedge;
- extrusion welding;
- heated tool welding: butt, saddle, socket, wedge;
- electrofusion welding: socket, saddle.

**2 Normative references**

There are no normative references in this document.

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**