

Testing of welded joints of thermoplastics semi-finished products - Part 8: Requirements

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 12814-8:2002 sisaldab Euroopa standardi EN 12814-8:2001 + AC:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 14.03.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 12814-8:2002 consists of the English text of the European standard EN 12814-8:2001 + AC:2003.</p> <p>This document is endorsed on 14.03.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard provide the requirements for the tsts made on welded thermoplastics semi-finished products.</p>	<p>Scope: This European Standard provide the requirements for the tsts made on welded thermoplastics semi-finished products.</p>
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Võtmesõnad: dimensions, plastics, specification (approval), specifications, testing, thermoplastic polymers, welded joints, welding

ICS 25.160.40

English version

**Testing of welded joints of thermoplastics semi-finished products
- Part 8: Requirements**

Essai des assemblages soudés sur produits semi-finis en
thermoplastiques - Partie 8: Exigences

Prüfen von Schweißverbindungen aus thermoplastischen
Kunststoffen - Teil 8: Anforderungen

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Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by IBN.

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of an identical text or by endorsement, at the latest by March 2002, and conflicting national standards shall be withdrawn at the latest by March 2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This document is not complete but contains all available information known at the time of writing.

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1 Scope

This European Standard provides the requirements for the tests made on welded thermoplastics semi-finished products.

The selection of the appropriate test method(s) should be made in accordance with the particular type and application of welded product.

The test results depend on the conditions of manufacture for the test specimen and on the test conditions. They can therefore only be related to the behaviour of the product or can only be used for designing a structure, if the test conditions can be related to the service conditions.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

EN 12814-1, *Testing of welded joints of thermoplastics semi-finished products – Part 1 : Bend test.*

EN 12814-2, *Testing of welded joints of thermoplastics semi-finished products – Part 2 : Tensile test.*

EN 12814-3, *Testing of welded joints of thermoplastics semi-finished products – Part 3 : Tensile creep test.*

EN 12814-4, *Testing of welded joints of thermoplastics semi-finished products – Part 4 : Peel test.*

EN 12814-5, *Testing of welded joints of thermoplastics semi-finished products – Part 5 : Macroscopic examination.*

EN 12814-6, *Testing of welded joints of thermoplastics semi-finished products – Part 6 : Low temperature tensile test.*

prEN 12814-7, *Testing of welded joints of thermoplastics semi-finished products – Part 7 : Tensile test with waisted test specimens.*

3 Symbols and abbreviations

HT	Heated tool welding
HG	Hot gas welding
EX	Extrusion welding (continuous)