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| <b>STN</b> | <b>Nedeštruktívne skúšanie zváraných spojov<br/>polotovarov z termoplastov<br/>Časť 1: Vizuálna kontrola</b> | <b>STN<br/>EN 13100-1</b><br><br>64 3088 |
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Non destructive testing of welded joints of thermoplastics semi-finished products - Part 1: Visual 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. 10/17

Obsahuje: EN 13100-1:2017

Oznámením tejto normy sa ruší  
STN EN 13100-1 (64 3088) z júna 2002

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2017  
Podľa zákona č. 264/1999 Z. z. o technických požiadavkách na výrobky a o posudzovaní zhody a o zmene a doplnení niektorých zákonov v znení neskorších predpisov sa slovenská technická norma a časti slovenskej technickej normy môžu rozmnožovať alebo rozširovať len so súhlasom slovenského národného normalizačného orgánu.

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 13100-1**

May 2017

ICS 25.160.40

Supersedes EN 13100-1:1999

English Version

**Non destructive testing of welded joints of thermoplastics  
semi-finished products - Part 1: Visual examination**

Contrôle non destructif des assemblages soudés sur  
produits semi-finis en thermoplastiques - Partie 1 :  
Contrôle visuel

Zerstörungsfreie Prüfung von Schweißverbindungen  
an Halbzeugen aus thermoplastischen Kunststoffen -  
Teil 1: Sichtprüfung

This European Standard was approved by CEN on 10 March 2017.

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.

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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 13100-1:2017) 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 2017, and conflicting national standards shall be withdrawn at the latest by November 2017.

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 13100-1:1999.

EN 13100, “*Non destructive testing of welded joints of thermoplastics semi-finished products*”, is currently composed with the following parts:

- *Part 1: Visual examination;*
- *Part 2: X-ray radiographic testing;*
- *Part 3: Ultrasonic testing;*
- *Part 4: High voltage testing.*

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

## 1 Scope

This European standard covers the visual examination of welds in thermoplastic materials. It may also be applied to visual testing of the joint prior to and during the welding.

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 14728, *Imperfections in thermoplastic welds - Classification*

EN 16296, *Imperfections in thermoplastics welded joints - Quality levels*

EN ISO 17637:2016, *Non-destructive testing of welds — Visual testing of fusion-welded joints (ISO 17637:2016)*

EN ISO 17659, *Welding - Multilingual terms for welded joints with illustrations (ISO 17659)*

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