SLOVENSKI STANDARD
SIST ENV 1852-2:2001

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Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity

Kunststoff-Rohrleitungssyteme für erdverlegte Abwasserkanäle und -leitungen - Polypropylen (PP) - Teil 2: Empfehlungen für die Beurteilung der Konformität

Systemes de canalisations en plastique pour les branchements et les collecteurs d'assainissement sans pression enterrés - Polypropylene (PP) - Partie 2: Guide d'évaluation de la conformité

Ta slovenski standard je istoveten z: **ENV 1852-2:2000**

ICS:

23.040.01	Deli cevovodov in cevovodi na splošno	Pipeline components and pipelines in general
93.030	Zunanji sistemi za odpadno vodo	External sewage systems

SIST ENV 1852-2:2001 **en**

EUROPEAN PRESTANDARD

PRÉNORME EUROPÉENNE

EUROPÄISCHE VORNORM

ENV 1852-2

April 2000

ICS 23.040.01; 93.030

English version

Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 2: Guidance for the assessment of conformity

Systèmes de canalisations en plastique pour les branchements et les collecteurs d'assainissement sans pression enterrés - Polypropylène (PP) - Partie 2: Guide d'évaluation de la conformité

Kunststoff-Rohrleitungssysteme für erdverlegte Abwasserkanäle und -leitungen - Polypropylen (PP) - Teil 2: Empfehlungen für die Beurteilung der Konformität

This European Prestandard (ENV) was approved by CEN on 11 March 2000 as a prospective standard for provisional application.

The period of validity of this ENV is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the ENV can be converted into a European Standard.

CEN members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

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

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Foreword

This European Prestandard has been prepared by Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems", the secretariat of which is held by NNI.

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

This prestandard is a Part of a System Standard for plastics piping systems of a particular material for a specified application. There are a number of such System Standards.

System Standards are based on the results of the work undertaken in ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids", which is a Technical Committee of the International Organization for Standardization (ISO).

They are supported by separate standards on test methods to which references are made throughout the System Standard.

The System Standards are consistent with general standards on functional requirements and on recommended practice for installation.

EN 1852 consists of the following Parts, under the general title Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP):

- *Part 1* : *Specifications for pipes, fittings and the system*
- *Part 2* : *Guidance for the assessment of conformity (the present prestandard)*
- *Part 3* : *Guidance for installation (prestandard under preparation)*

This prestandard includes a bibliography.

Introduction

This draft European prestandard is intended to serve as a guide for the assessment of conformity of products covered by EN 1852-1:1997.

It can be used integrally and/or be used for inclusion of conformity assessment in the manufacturer's quality plan as part of the quality system for attestation purposes. The use of this prestandard does not necessarily imply the involvement of a third party.

It can also be used to support the elaboration of national third party certification procedures for products conforming to EN 1852-1:1997. It is the responsibility of the manufacturer to choose or not to choose for the involvement of a third party for certification purposes.

1 Scope

This European Prestandard gives guidance for the assessment of conformity to be included in the manufacturer's quality plan as part of the quality system.

This prestandard includes:

a) requirements for materials, components, joints and assemblies given in EN 1852-1:1997;

b) requirements for the manufacturer's quality system;

NOTE 1 It is recommended that the quality system conforms to EN ISO 9001:1994 [1] or EN ISO 9002: 1994 [2], as applicable.

c) definitions and procedures to be applied if third party certification is involved.

NOTE 2 If third party certification is involved, it is recommended that the certification body is accredited to EN 45011:1998 [3] or EN 45012:1998 [4], as applicable.

This prestandard is applicable to piping systems made of polypropylene (PP) intended to be used for

– non-pressure underground drainage and sewerage outside the building structure (application area code "U"), reflected in the marking of products by "U", and

– for non-pressure underground drainage and sewerage for both buried in the ground within the building structure (application area code "D") and outside the building structure (application area code "U"), reflected in the marking of products by "UD".

2 Normative references

This prestandard 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 prestandard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN1852-1:1997, *Plastics piping systems for non-pressure underground drainage and sewerage — Polypropylene (PP) — Part 1: Specifications for pipes, fittings and the system*

3 Definitions, symbols and abbreviations

For the purpose of this prestandard, the definitions, symbols and abbreviations given in EN 1852-1:1997 apply together with the following.

3.1 Definitions

3.1.1
certification body
impartial body, governmental or non-governmental, possessing the necessary competence and responsibility to carry out certification of conformity according to given rules of procedure and management

3.1.2
inspection body
impartial organisation or company, approved by the certification body as possessing the necessary competence to verify and/to carry out initial type testing, audit testing and inspection of the manufacturer's factory production control in accordance with the relevant European Standard

3.1.3
testing laboratory
laboratory which measures, tests, calibrates or otherwise determines the characteristics of the performance of materials and products

3.1.4
quality system
The organisational structure, responsibilities, procedures, processes and resources for implementing quality management (see EN ISO 8402:1995 [5])

3.1.5
quality plan
document setting out the specific quality practices, resources and sequence of activities relevant to a particular product or range of products

3.1.6
type testing (TT)
testing performed to prove that the material, component, joint or assembly is capable of conforming to the requirements given in the relevant standard

3.1.6.1
preliminary type testing (PTT)
type testing carried out by or on behalf of the manufacturer

3.1.6.2
initial type testing (ITT)
type testing carried out by or on behalf of the certification body for certification purposes

3.1.7
batch release test (BRT)
test performed by the manufacturer on a batch of components, which has to be satisfactory completed before the batch can be released

3.1.8
process verification test (PVT)
test performed by the manufacturer on materials, components, joints or assemblies at specific intervals to confirm that the process continues to be capable of producing components conforming to the requirements given in the relevant standard

NOTE Such tests are not required to release batches of components and are carried out as a measure of process control.

3.1.9
audit test (AT)
test performed by or on behalf of a certification body to confirm that the material, component, joint or assembly continues to conform with the requirements given in the relevant standard and to provide information to assess the effectiveness of the quality system

3.1.10
indirect test (IT)
test performed by the manufacturer different from that specified for that particular characteristic, having verified its correlation with the specified test

3.1.11
witness testing (WT)
Testing accepted by a certification body for initial type testing and/or audit testing, which is carried out by, or on behalf of the manufacturer and supervised by a representative of the certification body, qualified in testing

3.1.12
material
defined type of polymer or additive or constituent thereof

3.1.13
compound (blend)
recipe which defines types of polymer, additives and constituents at specified dosage levels

3.1.14
material batch or compound batch
clearly identifiable quantity of a particular material or compound

3.1.15
production batch
clearly identifiable collection of units, manufactured consecutively under the same conditions, using material or compound conforming to the same specification

3.1.16
lot
clearly identifiable sub-division of a batch for inspection purposes

3.1.17
sample
one or more units of product drawn from a batch or lot, selected at random without regard to quality

NOTE The number of units of product in the sample is the sample size.

3.1.18
group
collection of similar components from which samples are selected for testing purposes

3.2 Abbreviations

NOTE For reasons of avoiding misunderstanding the following abbreviations are kept the same in each of the languages. For the same reason the terms are given in the three languages ("en" for English, "fr" for French and "de" for German).

AT	en	:	audit test
	fr	:	essai d'audit
	de	:	Überwachungsprüfung
BRT	en	:	batch release test
	fr	:	essai de libération de campagne de fabrication
	de	:	Freigabeprüfung einer Charge
IT	en	:	indirect test
	fr	:	essai indirect
	de	:	indirekte Prüfung
ITT	en	:	initial type testing
	fr	:	essais de type initiaux
	de	:	Erst-Typprüfung
PTT	en	:	preliminary type testing
	fr	:	essais de type préliminaires
	de	:	vorausgehende Typprüfung
PVT	en	:	process verification testing
	fr	:	essai de vérification du procédé de fabrication
	de	:	Prozessüberprüfung
TT	en	:	type test
	fr	:	essai de type
	de	:	Typprüfung
WT	en	:	witness testing
	fr	:	essais de témoins
	de	:	Prüfung unter Aufsicht