

English Version

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

Systemes 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 drucklose  
Abwasserkanäle und -leitungen - Polypropylen (PP) - Teil  
2: Empfehlungen für die Beurteilung der Konformität

This Technical Specification (CEN/TS) was approved by CEN on 10 December 2007 for provisional application.

The period of validity of this CEN/TS 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 CEN/TS can be converted into a European Standard.

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

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## Foreword

This document (CEN/TS 1852-2:2009) has been prepared by Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems", the secretariat of which is held by NEN.

This document supersedes ENV 1852-2:2000.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

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 Technical Specification)*
- *Part 3: Guidance for installation (Technical Specification)*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

## Introduction

This Technical Specification is intended to serve as a guide for the assessment of conformity of products covered by EN 1852-1.

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 Technical Specification 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. 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

## 1.1 General

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

This Technical Specification includes:

- a) requirements for materials, components, joints and assemblies given in EN 1852-1;
- b) requirements for the manufacturer's quality system;

NOTE 1 It is recommended that the quality system conforms to EN ISO 9001:2008 [1].

- 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 [2] or EN ISO/IEC 17021:2006 [3], as applicable.

## 1.2 Applicability

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

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

The following referenced documents are indispensable for the application 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 1852-1:2009, *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 purposes of this Technical Specification, the definitions, symbols and abbreviations given in EN 1852-1:2009, together with the following apply.

## 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