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PLASTICS PIPING SYSTEMS FOR WATER SUPPLY - UNPLASTICIZED POLY(VINYL CHLORIDE) (PVC-U) - PART 7: GUIDANCE FOR THE ASSESSMENT OF CONFORMITY

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EUROPEAN PRESTANDARD

PRÉNORME EUROPÉENNE

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ENV 1452-7

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English version

Plastics piping systems for water supply - Unplasticized poly(vinyl chloride) (PVC-U) - Part 7: Guidance for the assessment of conformity

Systèmes de canalisations en plastique pour alimentation en eau - Poly(chlorure de vinyle) non plastifié (PVC-U) - Partie 7: Guide pour l'évaluation de la conformité

Kunststoff-Rohrleitungssysteme für die Wasserversorgung - Weichmacherfreies Polyvinylchlorid (PVC-U) - Teil 7: Empfehlungen für die Beurteilung der Konformität

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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 NEN. It has been prepared in collaboration with Eureau and in liaison with CEN/TC 164 "Water supply".

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 can be used to support elaboration of national third party certification procedures for products conforming to EN 1452, Parts 1 to 5.

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 1452 consists of the following Parts, under the general title *Plastics piping systems for water supply — Unplasticized poly(vinyl chloride) (PVC-U)*

- *Part 1: General*
- *Part 2: Pipes*
- *Part 3: Fittings*
- *Part 4: Valves and ancillary equipment*
- *Part 5: Fitness for purpose of the system*
- *Part 6: Guidance for the installation (ENV)*
- *Part 7: Guidance for the assessment of conformity (this prestandard).*

This European Prestandard includes a bibliography.

At the date of publication of this prestandard, Systems Standards for piping systems of other plastics materials used for the same application are the following:

NOTE All listed System Standards have reached the Enquiry stage or are under preparation.

prEN 12201, *Plastics piping systems for water supply — Polyethylene (PE)*

prEN 1796, *Plastics piping systems for water supply with or without pressure — Glass-reinforced thermosetting plastics (GRP) based on polyester resin (UP)*

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Introduction

The System Standard, of which this is Part 7, specifies the requirements for a piping system and its components when made from unplasticized poly(vinyl chloride) (PVC-U). The piping system is intended to be used for water supply.

For material and components, requirements and test methods are specified in Parts 1, 2, 3 and 4 of EN 1452. Characteristics for fitness for purpose (mainly for joints) are covered in Part 5. Recommended practice for installation is given in ENV 1452-6.

This Part of EN 1452 covers procedures and recommendations for the assessment of conformity of materials, components, joints and assemblies and is intended to be used by certification bodies, inspection bodies, testing laboratories and manufacturers.

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