Plasttorustikusüsteemid. Klaassarrusega termokõvenevast plastist torud (GRP). Roometeguri kindlaksmääramine kuivades tingimustes

Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes - Determination of the creep factor under dry conditions

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN 761:1999 sisaldab Euroopa standardi EN 761:1994+AC:1995 ingliskeelset teksti. Käesolev dokument on jõustatud 12.12.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 761:1999 consists of the English text of the European standard EN 761:1994+AC:1995. This document is endorsed on 12.12.1999 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: Käesolev standard esitab meetodi klaassarrusega plasttorude roometeguri kindlaksmääramiseks kuivades tingimustes. Standard kehtib torudele, mille spetsiaalne lubatud ringjäikus on mitte väiksem kui 630 N/m2, kui see on kindlaks määratud vastavas standardis esitatud meetodiga.	**Scope:**

ICS 23.040.20

Võtmesõnad: arvutamine, jäikus, klaassarrusplastid, painduv, plasttorud, roomeomadused, sarrusplastid, termokõvenevad vaigud, testimine, veetorustikud

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Descriptors: Plastics, piping system, thermosetting resin, glass-reinforced plastics, creep factor, testing.

English version

Plastics piping systems

Glass-reinforced thermosetting plastics (GRP) pipes

Determination of the creep factor under dry conditions

Systèmes de canalisations plastiques; tubes plastiques thermodurcissables renforcés de verre (PRV); détermination du coéfficient de fluage en condition sèche

Kunststoff-Rohrleitungssysteme; Rohre aus glasfaserverstärkten duroplastischen Kunststoffen (GFK); Bestimmung des Kriechfaktors im trockenen Zustand

This European Standard was approved by CEN on 1994-04-27.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

This standard was prepared by CEN/TC 155 "Plastics piping systems and ducting systems".

This standard is based on document N 129 "Glass reinforced thermosetting plastics (GRP) pipes and fittings - Test method for the determination of creep factor of pipes under dry conditions" prepared by working group 1 of Subcommittee 6 of Technical Committee 138 of the International Organization for Standardization (ISO). It is a modification of document ISO/TC 138/SC 6/WG 1 N 129 for reasons of possible applicability to other test conditions and alignment with texts of other standards on test methods.

The modifications are:

- test parameters are omitted;
- material-dependent requirements are not given;
- editorial changes have been introduced.

The material-dependent test parameters and/or performance requirements are incorporated in the referring standard.

Annex A, which is informative, is given to assist the scheduling of data measurement.

No existing European Standard is superseded by this standard.

This standard is one of a series of standards on test methods which support System Standards for plastics piping and ducting systems.

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 October 1994, and conflicting national standards shall be withdrawn at the latest by October 1994.

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

1 Scope

This European Standard specifies a method for determining the dry creep factor of glass-reinforced plastics pipes.

It is applicable to pipes with an initial specific ring stiffness of not less than 630 N/m^2, when determined by the method specified in the referring standard.

NOTE: For this purpose plates or beam bars are considered to be equally valid for loading the test piece up to a relative deflection of 28 %. When it is expected that the relative deflection will be more than 28 %, then the test is to be conducted using beam bars (see 8.3).

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.

EN 1228:0000[1)] *Plastics piping systems - Glass-reinforced thermosetting plastics pipes - Determination of the initial specific ring stiffness*

EN 705:1993 *Plastics piping systems - Glass-reinforced thermosetting plastics pipes and fittings - Methods for regression analysis and their use*

1) at present prEN 1228