

SLOVENSKI STANDARD SIST EN ISO 6259-2:2020

01-november-2020

Plastomerne cevi - Ugotavljanje nateznih lastnosti - 2. del: Cevi iz nemehčanega polivinilklorida (PVC-U), orientiranega nemehčanega polivinilklorida (PVC-O), kloriranega polivinilklorida (PVC-C) in iz polivinilklorida (PVC-HI), zelo odpornega na udar (ISO 6259-2:2020)

Thermoplastics pipes - Determination of tensile properties - Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride (PVC-O), chlorinated poly (vinyl chloride) (PVC-C) and high-in-pact poly (vinyl chloride) (PVC-HI) (ISO 6259-2:2020)

Rohre aus Thermoplasten - Bestimmung der Eigenschaften im Zugversuch - Teil 2: Rohre aus weichmacherfreiem Polyvinylchlorid (PVC-U), orientiertem weichmacherfreiem Polyvinylchlorid (PVC-C) und hochschlagzähem Polyvinylchlorid (PVC-LIV) (PSO 6259-2:2020)

Tubes en matières thermoplastiques de termination des caractéristiques en traction - Partie 2: Tubes en poly(chlorure de vinyle) non plastifié (PVC-U), poly(chlorure de vinyle) non plastifié orienté (PVC-O), poly(chlorure de vinyle) chloré (PVC-C) et poly(chlorure de vinyle) à résistance au choc améliorée (PVC-HI) (ISO 6259-2:2020)

Ta slovenski standard je istoveten z: EN ISO 6259-2:2020

ICS:

23.040.20 Cevi iz polimernih materialov Plastics pipes

SIST EN ISO 6259-2:2020 en

Tell St. A. T. A.

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN ISO 6259-2

September 2020

ICS 23.040.20

English Version

Thermoplastics pipes - Determination of tensile properties - Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride (PVC-O), chlorinated poly (vinyl chloride) (PVC-C) and highimpact poly (vinyl chloride) (PVC-HI) (ISO 6259-2:2020)

Tubes en matières thermoplastiques - Détermination des caractéristiques en traction - Partie 2: Tubes en poly(chlorure de vinyle) non plastifié (PVC-U), poly(chlorure de vinyle) non plastifié orienté (PVC-O), poly(chlorure de vinyle) chloré (PVC-C) et poly(chlorure de vinyle) à résistance au choc améliorée (PVC-HI) (ISO 6259-2:2020)

Rohre aus Thermoplasten - Bestimmung der Eigenschaften im Zugversuch - Teil 2: Rohre aus weichmacherfreiem Polyvinylchlorid (PVC-U), orienties dem weichmacherfreiem Polyvinylchlorid (PVC-C) und kochschlagzähem Polyvinylchlorid (PVC-HI) (ISO 6259-2:2020)

This European Standard was approved by CEN on 18 September 2023.

CEN members are bound to comply with the CEN/CENELES internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without in alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on applied ion 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

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 6259-2:2020 (E)

Contents	Page
European foreword	3

Tells Landards tellar lands of the state of

European foreword

This document (EN ISO 6259-2:2020) has been prepared by Technical Committee ISO/TC 138 "Plastics pipes, fittings and valves for the transport of fluids" in collaboration with Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems" the secretariat of which is held by NEN.

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 March 2021, and conflicting national standards shall be withdrawn at the latest by March 2021.

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.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of EN ISO 6259-2:2020 without any and the standard of the standar North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

The text of ISO 6259-2:2020 has been approved by modification.

Tell St. A. T. A.

INTERNATIONAL STANDARD

ISO 6259-2

Second edition 2020-09

Thermoplastics pipes — Determination of tensile properties —

Part 2:

Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chloridated poly(vinyl chloridate) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI)

Tubes en insperes thermoplastiques — Détermination des caracterissiques en traction —

Porties: Tubes en poly(chlorure de vinyle) non plastifié (PVC-U), soly(chlorure de vinyle) non plastifié orienté (PVC-O), poly(chlorure de vinyle) à résistance au choc améliorée (PVC-HI)



ISO 6259-2:2020(E)

Hoth St. A. T. A.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2020

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office CP 401 • Ch. de Blandonnet 8 CH-1214 Vernier, Geneva Phone: +41 22 749 01 11 Email: copyright@iso.org Website: www.iso.org

Published in Switzerland

Cont	tents			Page	
Forew	ord			iv	
Introd	luction			v	
1	Scope				
2	Normative references				
3	Terms and definitions 3.1 Definitions related to material characteristics				
4	Principle2				
5	Apparatus				
6	6.1 6.2 6.3	General Dimens Prepara 6.3.1	ions of test pieces tion of test pieces Sampling from the pipe Preparation of test specimen Cutting method Machining method	2 4 4	
7	Conditioning				
8	Test speed State of the state o		5		
9	Procedure		5		
10	Expre. 10.1 10.2	General Stress a 10.2.1 10.2.2	Preparation of test specimen Cutting method Machining method results t yield and stress at breaked and stres	5 6 6	
11	Test re	eport	and the state of t	6	
AIIIICA	m (IIII)	n mative.	omplasticias (gravity) vinyi chioi luci (i vc-o) pipe — basic specification	7	
Annex	B (info Basic : C (info mixtu	ormative) specifica ormative) res of u r	Oriented unplasticized poly(vinyl chloride) (PVC-0) pipes — ntion Chlorinated poly(vinyl chloride) (PVC-C) pipes and pipes made from nplasticized poly(vinyl chloride) and chlorinated poly(vinyl chloride) — Basic specification	8	
Annex	D (info	ormative]) High-impact poly(vinyl chloride) (PVC-HI) pipes — Basic specification	10	
Riblio	aranhv	,		11	

ISO 6259-2:2020(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee 150/30 138, Plastics pipes, fittings and valves

This document was prepared by Technical Committee 150/30 138, Plastics pipes, fittings and valves for the transport of fluids, Subcommittee SC 5, General properties of pipes, fittings and valves of plastic materials and their accessories — Test methods and to specifications., in collaboration with the European Committee for Standardization (CEN) recentical Committee CEN/TC 155, Plastics piping systems and ducting systems, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

and CEN (Vienna Agreement).

This second edition cancels and replaces: the part edition (ISO 6259-2:1997), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the introduction of PVC-0 pipes;
- the correction of cross-references to ISO 6259-1:2015;
- the introduction of stress at break as an additional characteristic to be measured and recorded;
- the addition of extended sampling for pipe dimensions above or equal to 250 mm;
- updated informative annexes.

A list of all parts in the ISO 6259 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.