INTERNATIONAL STANDARD

ISO 6259-2

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Thermoplastics pipes — Determination of tensile properties —

Part 2:
Pipes made of unplasticized poly(vinyl chloride) (PVC-U), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI)

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) chloré (PVC-C) et poly(chlorure de vinyle) à résistance au choc améliorée (PVC-choc)

Reference number
ISO 6259-2:1997(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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 6259-2 was prepared by Technical Committee ISO/TC 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 basic specifications*.

ISO 6259 consists of the following parts, under the general title *Thermoplastics pipes — Determination of tensile properties*:

— *Part 1: General test method*

— *Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI)*

— *Part 3: Polyolefin pipes*

Annexes A to D of this part of ISO 6259 are for information only.

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Thermoplastics pipes — Determination of tensile properties —

Part 2:
Pipes made of unplasticized poly(vinyl chloride) (PVC-U), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI)

1 Scope

This part of ISO 6259 specifies a method of determining the tensile properties of pipes made of poly(vinyl chloride) (PVC-U), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI), and in particular the following properties:

— the stress at yield;

— the elongation at break.

NOTE — The general method of test for the determination of the tensile properties of thermoplastics pipes is given in ISO 6259-1.

This part of ISO 6259 also gives, for information purposes only, the corresponding basic specifications in annexes A, B and C.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this part of ISO 6259. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this part of ISO 6259 are encouraged to investigate the possibility of applying the most recent edition of the standard listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 6259-1:1997, *Thermoplastics pipes — Determination of tensile properties — Part 1: General test method.*

3 Principle

See clause 3 of ISO 6259-1:1997, as applicable to thermoplastics covered by this part of ISO 6259.

4 Apparatus

See clause 4 of ISO 6259-1:1997.