DIN EN ISO 6259-2:2021-01 (E)

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-impact poly(vinyl chloride) (PVC-HI) (ISO 6259-2:2020)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Normative references ... **6**

3 Terms and definitions ... **6**
3.1 Definitions related to material characteristics ... 7

4 Principle ... **7**

5 Apparatus ... **7**

6 Test pieces ... **7**
6.1 General ... 7
6.2 Dimensions of test pieces ... 7
6.3 Preparation of test pieces ... 9
6.3.1 Sampling from the pipe ... 9
6.3.2 Preparation of test specimen ... 9
6.3.3 Cutting method ... 10
6.3.4 Machining method ... 10

7 Conditioning ... **10**

8 Test speed ... **10**

9 Procedure ... **10**

10 Expression of results ... **10**
10.1 General ... 10
10.2 Stress at yield and stress at break ... 11
10.2.1 Stress at yield ... 11
10.2.2 Stress at break (if required) ... 11

11 Test report ... **11**

Annex A (informative) **Unplasticized poly(vinyl chloride) (PVC-U) pipe — Basic specification** ... **12**

Annex B (informative) **Oriented unplasticized poly(vinyl chloride) (PVC-O) pipes — Basic specification** ... **13**

Annex C (informative) **Chlorinated poly(vinyl chloride) (PVC-C) pipes and pipes made from mixtures of unplasticized poly(vinyl chloride) and chlorinated poly(vinyl chloride) (PVC-U/PVC-C) — Basic specification** ... **14**

Annex D (informative) **High-impact poly(vinyl chloride) (PVC-HI) pipes — Basic specification** ... **15**

Bibliography ... **16**