ISO 12625-4:2022-08 (E)

Tissue paper and tissue products - Part 4: Determination of tensile strength, stretch at maximum force and tensile energy absorption

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 2

5 Apparatus 2
5.1 Tensile-testing apparatus 2
5.1.1 General 2
5.1.2 Means for measuring the area of the force-elongation curve 3
5.1.3 Clamps 3
5.2 Cutting device 3

6 Conditioning 3

7 Preparation of test pieces 3
7.1 General 3
7.2 Dimensions 4
7.3 Number of test pieces 4

8 Procedure 4

9 Calculation 5
9.1 General 5
9.2 Tensile strength 5
9.3 Tensile index 5
9.4 Stretch at maximum force 5
9.5 Tensile energy absorption 6
9.6 Tensile energy absorption index 6

10 Test report 6

Annex A (informative) Precision 8

Annex B (informative) Tensile modulus determination 10

Bibliography 12