ISO 16549:2021 (E)

Textiles — Unevenness of textile strands — Capacitance method

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Principle

5 Apparatus

6 Atmosphere for conditioning and testing

7 Sampling

8 Procedure

- 8.1 Setting of the apparatus
- 8.2 Setting of the diagram scale
- 8.3 Condenser assembly
- 8.4 Selection of running speed
- 8.5 Guiding facilities
- 8.6 Twisting device
- 8.7 Plot representing the linear density along the strand
- 8.8 Preliminary run
- 8.9 Test run

9 Calculations and expression of results

10 Test report

Annex A (informative) Other methods for the determination of unevenness

- A.1 Principles of test methods
- A.2 Visual assessment (suitable for yarns)
- A.2.1 Yarn kept static and wound around a panel
- A.2.2 Running yarn
- A.3 Determination of mass
- A.3.1 Cutting and weighing
- A.3.2 Method using squeezing (applicable mainly to tops and slivers)
- A.4 Optical methods (suitable for yarns)

Page count: 10