ISO 13118:2024-09 (E)

Textile - Biaxial tensile properties of woven fabric - Determination of elasticity properties using a cruciform test piece

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 3

5 Sampling 3

6 Apparatus 3
6.1 CRE biaxial tensile testing machine 3

7 Atmosphere for conditioning and testing 4

8 Preparation of test specimens 4
8.1 General 4
8.2 Test specimen preparation 4

9 Procedure 5
9.1 Gauge length 5
9.2 Rate of extension 5
9.3 Mounting of test specimen 5
9.4 Loading 5
9.5 Operation 5

10 Recording 5

11 Calculation and expression of test results 5

12 Test report 6

Annex A (informative) Example of a typical cycling graph 8

Annex B (informative) Example of a pattern for cutting test specimens from a laboratory sample 9

Annex C (normative) Preparation of test specimen 10

Bibliography 11