

# ISO 13118:2024-09 (E)

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

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	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