

DIN 53835-2:2024-05 (E)

Testing of textiles - Testing of the tenso-elastic behaviour - Part 2: Single and plied elastomeric yarns, repeated application of tensile load between constant extension limits

Contents		Page
Foreword		3
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Principle	9
5	Symbols and abbreviations	9
6	Sampling and sample preparation	10
6.1	Sampling	10
6.2	Sample preparation	10
7	Number of separate tests	10
8	Apparatus	11
9	Procedure	11
10	Evaluation and expression of results	12
10.1	General	12
10.2	Characteristic values at pretension and upper extension limit	12
10.3	Characteristic values at half the upper extension limit	13
10.4	Permanent deformations	13
10.5	Elastic recovery	13
10.6	Further characteristic values	13
11	Test report	16
Bibliography		17
Figures Figure 1 -- Tensile force-elongation curve		12
Tables Table 1 -- Symbols used		9
Table 2 -- Example of measured values and statistical analysis of a test series		15