

DIN EN ISO 9073-3:2023-09 (E)

Nonwovens - Test methods - Part 3: Determination of tensile strength and elongation at break using the strip method (ISO 9073-3:2023)

Contents	Page
European foreword	3
Foreword	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Principle	8
5 Reagents and materials	8
6 Apparatus	9
6.1 Tensile testing machine (CRE or CRL)	9
6.2 Clamps and jaw faces	10
6.3 Container	10
7 Conditioning	10
8 Sampling	10
8.1 General	10
8.2 Laboratory sample	11
8.3 Test specimens	11
9 Preparation of specimens	11
9.1 General	11
9.2 Dimensions	11
9.3 Wet test specimens	12
10 Preparation, calibration and verification of apparatus	12
10.1 Tensile testing machine	12
10.2 Clamping system	12
10.3 Verification of the total operating system of the apparatus	12
11 Procedure	13
11.1 Gauge length	13
11.2 Rate of extension	13
11.3 Mounting of test specimens	13
11.4 Operation	14
11.5 Slippage	14
11.6 Jaw breaks	14
12 Calculation	14
12.1 Breaking force	14
12.2 Measurement of apparent elongation	15
12.3 For each testing situation	15
13 Expression of results	15
14 Precision	15
15 Test report	15
Annex A (informative) Possible causes of low precision when strip tensile testing	17
Bibliography	18