

DIN EN ISO 12947-2:2017-03 (E)

Textiles - Determination of the abrasion resistance of fabrics by the Martindale method - Part 2 : Determination of specimen breakdown (ISO 12947-2:2016)

Contents

	Page
European foreword.....	3
Foreword.....	4
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions.....	5
4 Principle.....	7
5 Apparatus and materials.....	7
6 Conditioning and testing atmosphere.....	9
7 Sampling and preparation of test specimens.....	9
7.1 General.....	9
7.2 Selection of the laboratory sample.....	9
7.3 Sampling of the test specimens from the laboratory sample.....	9
7.4 Dimensions of specimens and auxiliary materials.....	10
7.4.1 Dimensions of the test specimens.....	10
7.4.2 Dimensions of abradant.....	10
7.4.3 Dimensions of the abradant felt substrate.....	10
7.4.4 Dimensions of the specimen holder foam backing.....	10
7.5 Specimen preparation for specific fabrics.....	10
7.5.1 Stretch fabrics.....	10
7.5.2 Pile fabrics exceeding 500 g/m ²	11
7.6 Preparation and mounting of the test specimens and cutting-out and mounting of the auxiliary materials.....	12
7.6.1 Preparation.....	12
7.6.2 Mounting of the specimen.....	12
7.6.3 Mounting of the abradant.....	12
7.7 Useful life of auxiliary materials.....	13
7.8 Preparation of the abrasion machine.....	13
8 Abrasion test procedure: Determination of the physical end-point.....	13
9 Results.....	15
10 Test report.....	15
Annex A (informative) Topics for further investigations.....	17
Bibliography.....	19