DIN EN ISO 17751-2:2016-11 (E)

Textiles - Quantitative analysis of cashmere, wool, other specialty animal fibers an d their blends - Part 2: Scanning Electron Microscopy method (ISO 17751-2:2016)

Contents

Page

European foreword ... **3**

Foreword ... **4**

Introduction ... **5**

1 Scope ... **6**

2 Terms and definitions ... **6**

3 Principle ... **7**

4 Apparatus, materials, and reagents ... **7**
4.1 Apparatus ... 7
4.2 Materials ... 7
4.3 Reagents ... 8

5 Sample drawing ... **8**

6 Preparation of test specimens ... **8**
6.1 Number of test specimens ... 8
6.2 Preparation method for test specimens of various types of samples ... 8
6.2.1 Loose fibre ... 8
6.2.2 Sliver ... 9
6.2.3 Yarn ... 9
6.2.4 Woven fabrics ... 10
6.2.5 Knitted fabrics ... 10
6.3 Coating the specimens ... 10

7 Test procedure ... **10**
7.1 Test on each specimen stub ... 10
7.2 Qualitative analysis (purity analysis) and determination of fibre content ... 10

8 Calculation of test result ... **11**

Annex A (informative) **Drawing of lot sample and laboratory sample** ... **12**

Annex B (informative) **Surface morphology of common animal fibres** ... **13**

Annex C (normative) **Density of common animal fibres** ... **52**

Bibliography ... **53**