DIN EN ISO 14116:2015-11 (E)

Protective clothing - Protection against flame - Limited flame spread materials, material assemblies and clothing (ISO 14116:2 015)

Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 General and design requirements 7

5 Sampling, pre-treatment, and ageing 8
5.1 Sampling 8
5.2 Pre-treatment of material 8
5.3 Ageing 8
5.4 Conditioning 9

6 Performance requirements 9
6.1 Limited flame spread performance 9
6.2 Physical requirements 10
6.2.1 Tensile Strength 10
6.2.2 Tear strength 10
6.2.3 Burst strength 10
6.2.4 Seam strength 10
6.3 Dimensional change of textile materials 11

7 Classification 11
7.1 Requirements for limited flame spread index 1 11
7.2 Requirements for limited flame spread index 2 11
7.3 Requirements for limited flame spread index 3 11

8 Marking 12
8.1 Final index 12
8.2 Single-layer materials 12
8.3 Material assemblies 12
8.4 Garments 12

9 Information supplied by the manufacturer 13

Annex A (normative) Uncertainty of measurement 14

Annex B (normative) Determination of property values for rating and classification 15

Bibliography 16