

ISO 21942:2019-11 (E)

Station uniform for firefighters

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	General and design requirements	3
4.1	General	3
4.2	Innocuousness	3
4.3	Station uniform	3
5	Sampling and pre-treatment	4
5.1	Sampling	4
5.2	Pre-treatment	4
5.3	Conditioning	5
6	General performance requirements	5
6.1	General	5
6.2	Limited flame spread	6
6.2.1	General	6
6.2.2	Testing in accordance with ISO 15025, Procedure A	6
6.3	Heat resistance	7
6.3.1	Heat resistance at a temperature of (180 + 5/-0) °C	7
6.3.2	Heat resistance at a temperature of (260 + 5/-0) °C (optional)	7
6.4	Heat transmission performance requirements (required for level 2 only)	7
6.4.1	Convective heat	7
6.4.2	Radiant heat	7
6.5	Dimensional change of textile materials	7
6.6	Physical requirements	8
6.6.1	Tensile strength of woven materials	8
6.6.2	Tear strength of woven materials	8
6.6.3	Bursting strength of knitted materials	8
6.6.4	Structural seam strength	8
6.6.5	Abrasion resistance (optional)	8
6.7	Ergonomic and comfort requirements	8
6.7.1	Thermal resistance	8
6.7.2	Water vapour resistance	8
6.8	Electrostatic resistance (optional)	9
6.9	Colour fastness (optional)	9
7	Marking	9
8	Information supplied by the manufacturer	9
Annex A (informative)	Risk assessment	10
Bibliography		11