

DIN EN 17394-2:2020-12 (E)

Textiles and textile products - Part 2: Safety of children's clothing - Security of attachment of buttons - Test method

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Method for determination of removal force of buttons	6
4.1	General	6
4.2	Principle	6
4.3	Apparatus	7
4.3.1	Constant rate of extension (CRE) tensile-testing machine	7
4.3.2	Upper button box	7
4.3.3	Lower base clamp	8
4.4	Atmosphere for conditioning and testing	10
5	Sampling and selection of test specimens	10
5.1	Sampling	10
5.2	Selection of test specimens	11
6	Procedure	11
6.1	Rate of extension or elongation	11
6.2	Machine set-up and test specimen mounting	11
6.3	Operation of the constant rate of extension (CRE) machine	12
7	Test report	12
Annex A(informative) Interlaboratory trial result		13
A.1	Background	13
A.2	Overall conclusion	13
A.3	Interlaboratory trial	13
A.3.1	Principle	13
A.3.2	Objective of trial	13
A.3.3	Trial method	14
A.3.4	Statistical methods	15
A.3.5	Results	15
A.3.6	Conclusion	21
Annex B(informative) Method of test for in-line production process control		22
Annex C(informative) Interpretation of results		23
Bibliography		24