ISO 8124-2:2023-05 (E)

Safety of toys - Part 2: Flammability

Contents

Page

Foreword v

Introduction vi

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Requirements 3
4.1 General 3
4.2 Toys to be worn on the head (see A.3) 4
4.2.1 General 4
4.2.2 Beards, moustaches, wigs, etc. made from pile or flowing elements which protrude 50 mm or more from the surface of the toy 4
4.2.3 Beards, moustaches, wigs, etc. made from pile or flowing elements which protrude less than 50 mm from the surface of the toy 5
4.2.4 Full or partial moulded head masks 5
4.2.5 Toys to be worn on the head (except those covered by 4.2.2 and 4.2.3), hoods and headdresses, including upward-protruding items and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and paperboard masks, eye masks, face masks), but excluding those items covered by 4.3 5
4.3 Toy disguise costumes and toys intended to be worn by a child in play 5
4.4 Toys intended to be entered by a child 5
4.5 Soft-filled toys 6

5 Test methods 6
5.1 General 6
5.1.1 Test burner 6
5.1.2 Conditioning and test chamber 6
5.1.3 Test flame 6
5.2 Test relating to beards, moustaches, wigs, etc. made from pile or flowing elements which protrude 50 mm or more from the surface of the toy 7
5.2.1 Test flame 7
5.2.2 Test burner position 7
5.2.3 Test performance 7
5.3 Test relating to beards, moustaches, wigs, etc. made from pile or flowing elements which protrude less than 50 mm from the surface of the toy, and full or partial moulded head masks 7
5.3.1 Test flame 7
5.3.2 Test burner position 7
5.3.3 Test performance 7
5.4 Test relating to toys to be worn on the head (4.2.5), hoods and headdresses, including upward-protruding items and masks not covered by 4.2.4 which partially or fully cover the head (e.g. fabric and paperboard masks, eye masks, face masks), toy disguise costumes and toys intended to be worn or toys intended to be entered by a child (See A.7) 8
5.4.1 Preparation of test specimen 8
5.4.2 Holding and positioning the test specimen 11
5.4.3 Test flame 12
5.4.4 Test burner position 12

5.4.5 Test performance 13
5.4.6 Results 13
5.5 Test for soft-filled toys and certain soft-filled parts of toy disguise costumes 14
5.5.1 Test flame 14
5.5.2 Test burner position 14

ISO 8124-2:2023(E) 5.5.3 Test performance 14

Annex A (informative) Background and rationale for this document 15

Annex B (informative) Significant technical changes between this document and the previous edition 28

Bibliography 29