## ISO 23767:2021 (E)

## Children's furniture — Mattresses for cots and cribs — Safety requirements and test methods

## **Contents**

	Forev	word	
ı	Scop	Scope	
2	Norm	Normative references	
3	Term	Terms and definitions	
General test cond		ral test conditions	
	4.1	Preliminary preparation	
	4.2	Application of forces	
	4.3	Tolerances	
Test equipment		equipment	
	5.1	Measuring table	
	5.2	Stops	
	5.3	Square aluminium alloy tube	
	5.4	Loading pad	
	5.5	Test template for determination of the indentation depth	
	5.6	Spherical load for determination of the indentation depth	
	5.7	Test foam	
	5.8	Small parts cylinder	
	5.9	Feeler gauge	
	5.10	Cone	
	5.11	Probe	
6	Chen	nical hazards	
7	Fire a	and thermal hazards (see A.3)	
3	Mechanical hazards		
	8.1	Entrapment hazards from gaps and openings (see A.4.2)	
	8.1.1	Entrapment hazards between the mattress and the sides	
	8.1.2	Body entrapment hazards	
	8.1.2.1	Requirements	
	8.1.2.2	Test method	
	8.1.3	Entanglement hazards (see A.4.3)	
	8.1.3.1	Requirements	
	8.1.3.2	Test method	
	8.2	External suffocation hazards (see A.4.4)	
	8.2.1	Labels and decals on the mattress	
	8.2.1.1	Requirements	
	8.2.1.2	Test method	
	8.2.2 8.2.3	Plastic packaging Firmness	
	8.2.3.1	Requirement	
	8.2.3.2	Test method	
	8.2.3.2.1	Conditioning	
	8.2.3.2.2	Procedure	
	8.3	Choking and internal suffocation hazards (see A.4.5)	
	8.3.1	Small parts	
	8.3.1.1	Requirements	
	8.3.1.2	Test method	

	8.3.1.2.1	General
	8.3.1.2.2	Torque test
	8.3.1.2.3	Tension test
	8.3.2	Accessibility to filling materials
	8.3.2.1	General
	8.3.2.2	Requirements
	8.3.2.2.1	Mattress cover made of woven fabrics
	8.3.2.2.2	Mattress covers made of other materials
	8.3.2.2.3	Removable mattress covers
	8.3.2.2.4	Strength of slide fasteners (zip)
	8.3.2.2.5	Strength of seams
	8.3.2.3	Test methods
	8.3.2.3.1	Slippage of threads of mattress covers made of woven fabric
	8.3.2.3.2	Tensile strength test for covers made of other materials
	8.3.2.3.3	Strength of slide (zip) fastener
	8.3.2.3.4	Test of seams
	8.4	Hazards due to edges and protrusions (see A.4.6)
	8.5	Structural integrity (see A.4.7)
	8.5.1	Shrinkage
	8.5.2	Hazards due to deformation of the filling
	8.5.2.1	Requirements
	8.5.2.2	Test method
9	Produ	uct information (see A.4.8)
	9.1	Marking
	9.2	Purchase information
	9.3	Instruction for use
Anne	x A (infor	mative) Rationales
	A.1	General
	A.2	Chemical hazards (Clause 6)
	A.3	Thermal hazards (Clause 7)
	A.4	Mechanical hazards (Clause 8)
	A.4.1	General
	A.4.2	Entrapment hazards (8.1)
	A.4.3	Entanglement hazards (8.1.3)
	A.4.4	Suffocation hazards (8.2)
	A.4.5	Choking and ingestion hazards (8.3)
	A.4.6	Hazardous edges and protrusions (8.4)
	A.4.7	Structural integrity (8.5)
	A.4.8	Product information (Clause 9)
Anne	x B (infor	mative) Colorants
	B.1	Rationale
	B.2	Colorants
	B.3	Colour fastness to perspiration
		• •

Page count: 21