ISO 7175-2:2019 (E)

Furniture — Children's cots and folding cots for domestic use — Part 2: Test methods

Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

4 General test conditions

- 4.1 Preliminary preparation
- 4.2 Test equipment
- 4.3 Application of forces
- 4.4 Tolerances
- 4.5 Test sequence
- 4.6 Prevention of movement during test

5 Test apparatus

6 Test procedures

- 6.1 Assembly and inspection
- 6.2 Stability — Test
- 6.3 Footholds
- 6.3.1 Determination of a foothold
- 6.3.1.1 General
- 6.3.1.2 Continuous structure
- 6.3.1.3 Non-continuous structure
- 6.3.1.4 Wire, thin structures and similar parts
- 6.3.2 Test of footholds
- 6.3.2.1 Footholds on a continuous structure at an angle of less than 55°
- 6.3.2.2 Footholds on a non-continuous structure at an angle of less than 55°
- 6.3.2.3 Wire, thin structures or similar parts at an angle of less than 55°
- 6.3.2.4 Intersecting or adjacent structures where the second structure prevents slipping
- 6.3.2.5 Flexible materials
- 6.3.3 Measurement of distance between footholds and/or top of cot sides and ends
- 6.4 Measurements
- 6.4.1 Holes, gaps and openings inside the cot
- 6.4.2 Holes, gaps and openings on the outside of the cot
- 6.4.2.1 Completely bound holes, gaps and openings
- 6.4.2.2 Partially bound, V and irregular shaped holes, gaps and openings
- 6.5 Small parts
- 6.5.1 General
- 6.5.2 Torque test
- 6.5.3 Tension test
- 6.6 Bite test
- 6.7 Tests for cot base and mattress base
- 6.7.1 Folding test of the mattress base and cot base
- 6.7.2 Strength of cot base and mattress base (impact test)
- 6.8 Strength of sides and ends
- 6.8.1 Static load test of slats (bending test)
- 6.8.2 Strength of sides or side slats (impact test)
- 6.8.3 Strength of corners (impact test)
- 6.8.4 Strength of mesh and flexible sides and ends (static load test)
- 6.9 Strength of frame and fastenings

6.9.1 Vertical static load test
6.9.2 Durability test
6.10 Snag points
6.11 Locking mechanisms
6.11.1 Durability
6.11.2 Strength
6.12 Stability test
7 Test report

Page count: 28