

Vervangt NEN-EN 12227-2:1995 Ontw.

Nederlandse norm

NEN-EN 12227-2 (en)

Kinderboxen voor huishoudelijk gebruik -
Deel 2: Beproevingmethoden

Playpens for domestic use - Part 2: Test methods

ICS 97.190; 97.140

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Als Nederlandse norm is aanvaard:
- EN 12227-2:1999, IDT

Normcommissie 330 001 "Kinderartikelen"

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Voor de in deze normvermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>Vermelde norm</u>	<u>Nederlandse norm</u>	<u>Titel</u>
EN 12227-1:1999	NEN-EN 12227-1:1999	Kinderboxen voor huishoudelijk gebruik - Deel 1: Veiligheidseisen
ISO 48	NEN-ISO 48	Gevulcaniseerde of thermoplastische rubber - Bepaling van de hardheid tussen 10 en 100 IRHD

Voorbeeld
Preview

ICS 97.190

English version

Playpens for domestic use - Part 2: Test methods

Parcs à usage domestique - Partie 2: Méthodes d'essai

Kinderlaufställe für den Wohnbereich - Teil 2: Prüfung

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Contents

Foreword	3
Introduction	4
1 Scope	4
2 Normative references	4
3 General	4
4 Test equipment	5
4.1 Slide gauge	5
4.2 Template for foothold	5
4.3 Cylinder	7
4.4 Bite test apparatus	7
4.5 Test chain	9
4.6 Force-measuring devices	10
4.7 Stops	10
4.8 Weights	11
4.9 Base impacter	11
4.10 Side impacter	12
4.11 Floor surface	13
4.12 Loading pad	13
4.13 Retaining blocks	13
4.14 Child's head probes	13
5 Test procedure	14
5.1 Assembly and inspection before test	14
5.2 Inspection	14
5.3 Measurement	15
5.4 Shearing and squeezing	16
5.5 Foothold	16
5.6 Detachable components	19
5.7 Bite test	19
5.8 Checking of protruding parts, gaps and openings	20
5.9 Folding and locking mechanisms	20
5.10 Base	21
5.11 Strength	23
5.12 Stability test	27
5.13 Castors/wheels	28
6 Test report	28
Annexe A (informative)	29

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 207 "Furniture", the secretariat of which is held by IBN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2000, and conflicting national standards shall be withdrawn at the latest by March 2000.

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Introduction

This part of EN 12227 has been prepared in order to provide assurance that playpens and folding playpens conforming with the requirements in EN 12227-1 are safe.

1 Scope

This part of EN 12227 describes a number of tests consisting of the application, to various parts of the item, of loads and forces simulating normal functional use, as well as misuse that can reasonably be expected to occur.

The tests are designed to evaluate properties without regard to materials, design/construction or manufacturing processes.

2 Normative references

This European Standard incorporates, by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN 12227-1	1999	Playpens for domestic use - Part 1 : Safety requirements
ISO 48		Rubber, vulcanized or thermoplastics - Determination of hardness (Hardness between 10 and 100 IRHD)

3 General

If not otherwise stated, all forces shall have an accuracy of $\pm 5\%$, all masses an accuracy of $\pm 0,5\%$ and all dimensions an accuracy of $\pm 0,5$ mm. The tests are designed to be applied to playpens that are fully assembled and ready for use.

Before any of the tests described in this part of EN 12227 are commenced, the item shall be old enough to ensure that it has developed its full strength. At least four weeks in normal indoor conditions shall have elapsed between manufacture and testing in the case of glued joints.

The sample for testing shall be stored in indoor ambient conditions for at least one week immediately prior to testing - any variation from this procedure shall be stated in the report.

Before testing, any fabrics used shall be cleaned or washed and dried twice following the manufacturer's instructions.

The tests shall be carried out in indoor ambient conditions, but if during a test the atmospheric temperature is outside the range $15\text{ }^{\circ}\text{C}$ to $25\text{ }^{\circ}\text{C}$, the maximum and/or minimum temperature shall be recorded in the test report.

The playpen shall be tested as delivered. If of knock-down type, it shall be assembled according to instructions supplied with the playpen. If the playpen can be assembled or combined in different

ways, the most onerous combinations shall be used for each test. The tests shall be carried out as listed on the same specimen.

Knock-down fittings shall be tightened before testing and shall not be retightened throughout the testing procedure.

In the case of designs not catered for in the test procedure, the test should be carried out as far as possible as described, and a list made of the deviations from the test procedure.

4 Test equipment

NOTE: If not specified otherwise, the test forces may be applied by any suitable device, because results are dependent only upon correctly applied forces and loads, and not upon the apparatus.

4.1 Slide gauge

A cone made of plastics or other hard, smooth material mounted on a force-measuring device (see figure 1). There shall be 7 cones having diameters 5 mm, 7 mm, 12 mm, 18 mm, 25 mm, 45 mm and 65 mm respectively. The cones with a diameter of 5 mm, 7 mm, 25 mm and 65 mm shall have a tolerance of (0/- 0,1) mm. The cones with a diameter of 12 mm, 18 mm and 45 mm shall have a tolerance of (+ 0,1/0) mm.

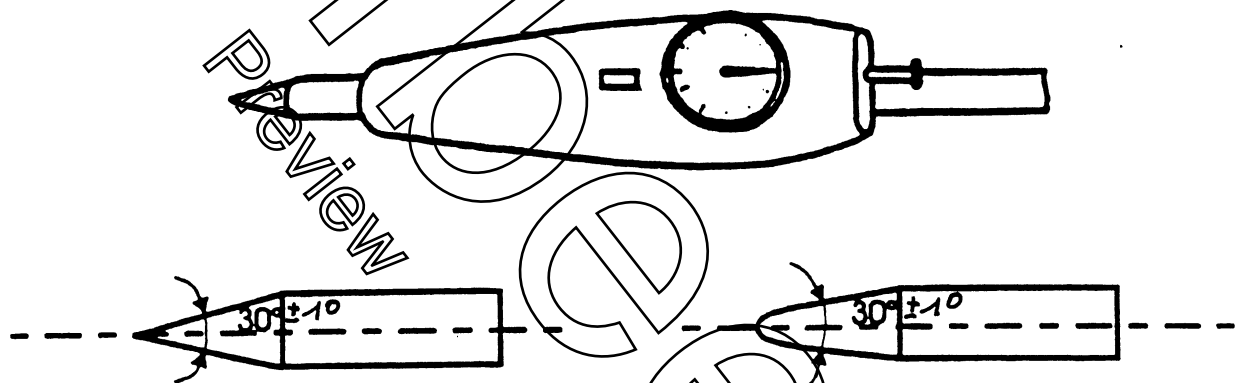


Figure 1 : Examples of measuring cone

4.2 Template for foothold

A strip of 10 mm thick transparent material cut to the shape as shown in figure 2, marked on both sides with the pattern as shown.

The template shall have provisions for the attachment of a force-measuring device when necessary.

All edges shall be chamfered with a radius of up to 1 mm.

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