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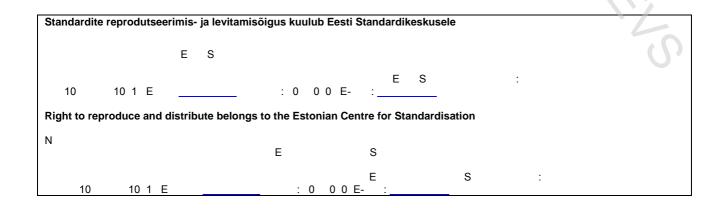


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NATIONAL FOREWORD

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Changing units for domestic use - Part 2: Test methods

Dispositifs à langer - Partie 2 : Méthodes d'essai

Wickeleinrichtungen für den Hausgebrauch - Teil 2: Prüfverfahren

This European Standard was approved by CEN on 18 February 2008.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Foreword

This document (EN 12221-2:2008) has been jointly prepared by Technical Committee CEN/TC 252 "Child use and care articles", the secretariat of which is held by.

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of an identical text or by endorsement, at the latest by November 2008, and conflicting national standards shall be withdrawn at the latest by November 2008.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 12221-2:1999.

This document (EN 12221-2:2008) has been jointly prepared in collaboration by Technical Committee CEN/TC 252 "Child use and care articles", the secretariat of which is held by AFNOR and CEN/TC 207 "Furniture", the secretariat of which is held by UNI.

This European Standard is one part of the series of standards of EN 12221 "Changing units for domestic use" consisting of the following parts:

- Part 1: Safety requirements
- Part 2: Test methods

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.



1 Scope

This part of EN 12221 specifies test methods that assess the safety of changing units.

It should be noted that the effect of ageing and degradation of materials is not included.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 12221-1:2008, Changing units for domestic use – Part 1: Safety requirements

ISO 7619-2, Rubber, vulcanized or thermoplastic - Determination of indentation hardness - Part 2: IRHD pocket meter method

3 General test conditions

3.1 Preliminary preparation

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

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

The test shall be carried out in indoor ambient conditions, but if during a test the atmosphere temperature is outside the range 15 °C or above 25 °C, the maximum and/or minimum temperature shall be recorded in the test report.

The changing unit shall be tested as delivered. If of knock-down type, it shall be assembled according to the instructions supplied with the unit. If the changing unit can be assembled or combined in different ways, the most onerous combinations shall be used for each test.

All fittings shall be tightened in accordance with the manufacturer's instructions and shall not be retightened throughout the test procedure.

3.2 Application of forces

The forces in the static load tests shall be applied sufficiently slowly to ensure that negligible dynamic force is applied.

The forces in the durability tests shall be applied at a rate to ensure that excessive heating does not occur.

3.3 Tolerances

Unless otherwise stated, the following tolerances apply:

Forces: \pm 5 % of the nominal force;

Masses: \pm 0,5 % of the nominal mass;