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LAMAMISASENDIGA HÄLLID (EHK KALDHÄLLID). OSA
1: KALDHÄLLID LASTELE, KES VEEL EI TÕUSE ISTUMA

Child care articles - Reclined cradles - Part 1: Reclined
cradles for children up to when they start to try to sit
up

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 12790-1:2023 sisaldab Euroopa standardi EN 12790-1:2023 ingliskeelset teksti.	This Estonian standard EVS-EN 12790-1:2023 consists of the English text of the European standard EN 12790-1:2023.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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English Version

Child care articles - Reclined cradles - Part 1: Reclined
cradles for children up to when they start to try to sit up

Articles de puériculture - Transats - Partie 1 : Transats
pour enfants jusqu'à ce qu'ils commencent à essayer de
s'asseoir

Artikel für Säuglinge und Kleinkinder - Kinderliegesitze
- Teil 1: Kinderliegesitze für Kinder bis sie versuchen,
sich aufzusetzen

This European Standard was approved by CEN on 22 August 2022.

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European foreword

This document (EN 12790-1:2023) has been prepared by Technical Committee CEN/TC 252 “Child care articles”, the secretariat of which is held by AFNOR.

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of an identical text or by endorsement, at the latest by September 2023, and conflicting national standards shall be withdrawn at the latest by March 2024.

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

This document supersedes EN 12790:2009.

In comparison with EN 12790:2009, the significant technical changes relate to the following topics:

- a) chemical hazards;
- b) thermal hazards;
- c) hazards due to sound level;
- d) entrapment hazards;
- e) entanglement hazards;
- f) suffocation hazards from plastic packaging;
- g) requirements for powered mechanisms;
- h) requirements for toy bar attachment;
- i) electrical hazards;
- j) general update of product information clause with the introduction of symbols following CEN/TR 13387-5;
- k) introduction of an Annex giving relevant translations for warning sentences.

EN 12790 has been divided into the following two different parts to widen the scope of the standard:

- EN 12790-1, that covers reclined cradles intended for children up to when they start to try to sit up (same as EN 12790:2009); and
- EN 12790-2, that covers reclined cradles intended for children up to when they start to stand up, not covered in EN 12790:2009.

This document has been prepared under a Standardization Request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For relationship with EU Directive(s) / Regulation(s), see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

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

1 Scope

This document specifies safety requirements and the corresponding test methods for fixed or folding reclined cradles intended for children up to when they start to try to sit up.

This document applies also to car seats complying with UN ECE R44 or UN ECE R129 that can be used as reclined cradles according to manufacturer's instructions. If usage as reclined cradle is not included in the product information or marketing material, car seats are excluded from the scope of this document.

If a reclined cradle has several functions or can be converted into another function the relevant European standards apply to it.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 12790-2:2023, *Child care articles — Reclined cradles — Part 2: Reclined cradles for children up to when they start to stand up*

EN 71-2:2020, *Safety of toys — Part 2: Flammability*

EN 71-3, *Safety of toys — Part 3: Migration of certain elements*

NOTE The latest edition of EN 71-3 cited in the OJEU applies.

EN 71-10:2005, *Safety of toys — Part 10: Organic chemical compounds — Sample preparation and extraction*

EN 71-11:2005, *Safety of toys — Part 11: Organic chemical compounds — Methods of analysis*

EN 622-1:2003, *Fibreboards — Specifications — Part 1: General requirements*

EN 717-1:2004, *Wood-based panels — Determination of formaldehyde release — Part 1: Formaldehyde emission by the chamber method*

EN ISO 105-A03:2019, *Textiles — Tests for colour fastness — Part A03: Grey scale for assessing staining (ISO 105-A03:2019)*

EN 61558-2-7:2007, *Safety of power transformers, power supplies, reactors and similar products — Part 2-7: Particular requirements and tests for transformers and power supplies for toys (IEC 61558-2-7:2007)*

EN 61558-2-16:2009¹, *Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V — Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units (IEC 61558-2-16:2009)*

EN IEC 62115:2020², *Electric toys — Safety (IEC 62115:2017, modified)*

¹ As impacted by EN 61558-2-16:2009/A1:2013.

² As impacted by EN IEC 62115:2020/A11:2020.

EN ISO 3746:2010, *Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure — Survey method using an enveloping measurement surface over a reflecting plane (ISO 3746:2010)*

EN 61672-1:2013, *Electroacoustics — Sound level meters — Part 1: Specifications (IEC 61672-1:2013)*

EN ISO 14184-1:2011, *Textiles — Determination of formaldehyde — Part 1: Free and hydrolysed formaldehyde (water extraction method) (ISO 14184-1:2011)*

EN ISO 14362-1:2017, *Textiles — Methods for determination of certain aromatic amines derived from azo colorants — Part 1: Detection of the use of certain azo colorants accessible with and without extracting the fibres (ISO 14362-1:2017)*

EN ISO 17234-1:2020, *Leather — Chemical tests for the determination of certain azo colourants in dyed leathers — Part 1: Determination of certain aromatic amines derived from azo colorants (ISO 17234-1:2020)*

ISO 48-4:2018, *Rubber, vulcanized or thermoplastic — Determination of hardness — Part 4: Indentation hardness by durometer method (Shore hardness)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

reclined cradle

article intended to accommodate a child in a reclined position

Note 1 to entry: Reclined cradles may be static, rocking or bouncing and may have an adjustable backrest and/or seat, see A.1.

3.2

seat unit

part of the reclined cradle that supports the child, either in the form of a hammock or composed by a seat and a backrest

3.3

restraint system

system to restrain the child within the reclined cradle

3.4

crotch restraint

device designed to pass between the child's legs to prevent the child from sliding forward

3.5

carrying handle

component to enable the reclined cradle, with the child in it, to be carried by hand