

Child care articles — Table mounted chairs — Safety requirements and test methods

The European Standard EN 1272:1998 has the status of a British Standard

ICS 97.140; 97.190

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National foreword

This British Standard is the English language version of EN 1272:1998. It supersedes BS 7495:1991 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CW/41, Nursery goods, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

It should be noted that the UK voted against the publication of this standard. One of the reasons for objection was the inclusion in 5.2 c) of a requirement that “there shall be no opening, holes or gaps with a distance between any sides greater than 110 mm”. The UK believes that 110 mm is too large; anthropometric data would indicate that the torso of a 5th percentile infant of 6 months would be able to slip through a gap of 110 mm, but the head would not. This could lead to a risk of strangulation and Technical Committee CW/41 recommends that manufacturers limit any such gap to (90 + 0–5) mm.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 12, an inside back cover and a back cover.

This British Standard, having been prepared under the direction of the Consumer Products and Services Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 November 1998

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ISBN 0 580 29628 8

Amendments issued since publication

Amd. No.	Date	Text affected

ICS 97.140; 97.190

Descriptors: child care articles, seats, tables, safety requirements, accident prevention, specifications, definition, materials, equipment specifications, dimensions, mechanical strength, stability, tests, marking, durability, information, technical notices

English version

Child care articles — Table mounted chairs — Safety requirements and test methods

Articles de puériculture — Sièges de table —
Exigences de sécurité et méthodes d'essai

Artikel für Säuglinge und Kleinkinder —
Tischhängesitze — Sicherheitstechnische
Anforderungen und Prüfverfahren

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CEN

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Comité Européen de Normalisation
Europäisches Komitee für Normung

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 252, Child use and 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 1998, and conflicting national standards shall be withdrawn at the latest by September 1998 According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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Introduction

Table mounted chairs are widely used throughout Europe as seats for children.

This European Standard harmonizes the minimum safety requirements and test methods for table mounted chairs.

1 Scope

This European Standard specifies safety requirements and the corresponding test methods for table mounted chairs, intended for children who are able to sit by themselves (approximately 6 months old) and up to 15 kg.

This European Standard deals only with safety and does not purport to establish particular designs or special construction methods for the table mounted chairs themselves.

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 71-1:1988, *Safety of toys — Part 1: Mechanical and physical properties*.

EN 71-2:1993, *Safety of toys — Part 2: Flammability*.

EN 71-3:1994, *Safety of toys — Part 3: Migration of certain elements*.

EN 45001, *General criteria for the operation of testing laboratories*.

ISO 2439:1980, *Polymeric materials, cellular flexible — Determination of hardness (indentation technique)*.

3 Definitions

For the purposes of this European Standard, the following definitions apply.

3.1

table mounted chair

chair normally used for children that is intended to be attached to a table or other horizontal surface

3.2

restraint device

device which prevents the child from slipping or falling out of the table mounted chair

3.3

crotch strap

strap which fits between the legs to prevent the child slipping forwards

3.4

integral harness

harness assembly of straps which fit around the torso and over the shoulders serving to restrain the child in the table mounted chair

3.5

anchoring support

device designed to fix the table mounted chair to the supporting surface

4 Properties of the materials

4.1 Chemical properties

The surfaces of the materials shall meet the requirements of EN 71-3:1994.

4.2 Flammability

There shall be no parts of the table mounted chair that can give rise to flash effect (e.g. plush surfaces), when tested in accordance with 5.5 of EN 71-2:1993.

4.3 Shrinkage

For table mounted chairs with fabric parts, which according to the manufacturer's instructions can be removed for washing or cleaning, the tests in clause 6 shall be carried out after having washed and dried the fabric parts twice, and then refitted the fabrics to the frame in accordance with the manufacturer's instructions.

5 Construction

5.1 General

The table mounted chair, when assembled for use, shall be constructed so as to prevent any risk of pinching, cutting or wounding for both the child and the carer.

NOTE If there are toys fixed to the table mounted chair attention is drawn to the provisions of EN 71.

5.2 Gaps and openings

The following requirements shall be met before and after the tests defined in clause 6. The table mounted chair shall be tested in the minimum and maximum loaded conditions:

- a) to avoid finger entrapment, table mounted chairs shall not incorporate open-ended tubes, or include gaps or openings between 5 mm and 12 mm, measurements being taken in compliance with 6.2.3.2 unless their depth is less than, or equal to, 10 mm.

When tested in accordance with 6.2.3.2, this requirement is satisfied if the 5 mm diameter cone cannot go or if the 12 mm diameter cone goes;

- b) to avoid limb entrapment, table mounted chairs shall not include gaps or openings between 25 mm and 45 mm, measurements being taken in compliance with 6.2.3.2.

When tested in accordance with 6.2.3.2, this requirement is satisfied if the 25 mm diameter cone cannot go or if the 45 mm diameter cone goes;