

DIN EN 16120



ICS 97.140; 97.190

Supersedes
DIN EN 16120:2014-07

**Child use and care articles –
Chair mounted seat;
English version EN 16120:2012+A2:2016,
English translation of DIN EN 16120:2017-03**

Artikel für Säuglinge und Kleinkinder –
Sitzerhöhungen für Stühle;
Englische Fassung EN 16120:2012+A2:2016,
Englische Übersetzung von DIN EN 16120:2017-03

Articles de puériculture –
Rehausseurs de chaise;
Version anglaise EN 16120:2012+A2:2016,
Traduction anglaise de DIN EN 16120:2017-03

Document comprises 43 pages

Translation by DIN-Sprachendienst.

In case of doubt, the German-language original shall be considered authoritative.

A comma is used as the decimal marker.

National foreword

This standard includes safety requirements.

This document (EN 16120:2012+A2:2016) has been prepared by Technical Committee CEN/TC 252 “Child use and care articles” (Secretariat: AFNOR, France).

The responsible German body involved in its preparation was *DIN-Normenausschuss Sicherheitstechnische Grundsätze* (DIN Standards Committee Safety Design Principles), Working Committee NA 095-05-03 AA “Child use and care articles — Seating and body care, protection, lying down and transportation”.

This document includes Amendment 1, approved by CEN on 2014-02-25, and Amendment 2, approved by CEN on 2016-09-17.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1** and **A2** **A2**.

Amendments

This standard differs from DIN EN 16120:2014-07 as follows:

- a) Clause 1 “Scope” has been amended;
- b) Clause 2 “Normative references” has amended;
- c) Subclause 3 “Terms and definitions” has been amended;
- d) Subclause 4 “Test equipment” has been amended;
- e) Clause 6 “Chemical hazards - Migration of certain elements (see A.2)” has been amended;
- f) Clause 7 “Thermal hazards (see A.3)” has been amended;
- g) Clause 8 “Mechanical hazards (see A.4)” has been amended;
- h) Clause 9 “Product information” has been amended;
- i) Annex A has been amended;
- j) Annex C has been added;
- k) the Bibliography has been updated.

Previous editions

DIN EN 16120: 2013-02, 2014-07

English Version

Child use and care articles - Chair mounted seat

Articles de puériculture - Rehausseurs de chaise

Artikel für Säuglinge und Kleinkinder - Sitzerrhöhungen
für Stühle

This European Standard was approved by CEN on 25 February 2014 and includes Amendment 2 approved by CEN on 17 September 2016.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 18 January 2017.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

European foreword.....	4
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Test equipment	6
4.1 Test probes for finger entrapment	6
4.2 Test mass A	6
4.3 Test foam	7
4.4 Small parts cylinder	7
4.5 Feeler gauge	7
4.6 Small torso probe	8
4.7 Test beam	8
4.8 Test sphere	8
5 General	8
5.1 Product conditioning	8
5.2 Test conditions	8
5.3 Application of forces	8
5.4 Tolerances	8
5.5 Order of test	9
6 Chemical hazards - Migration of certain elements (see A.2)	9
7 Thermal hazards (see A.3)	10
7.1 Requirements	10
7.2 Test method	10
8 Mechanical hazards (see A.4)	10
8.1 Hazards due to height adjustment or folding of the product	10
8.1.1 General	10
8.1.2 Unintentional release of locking mechanism(s)	10
8.1.3 Test method for the durability of the locking mechanisms	11
8.2 Entrapment hazards (see A.4.1)	11
8.2.1 Entrapment of fingers	11
8.2.2 Entrapment of head	11
8.3 Hazards due to moving parts (see A.4.2)	12
8.3.1 Requirements for compression points	12
8.3.2 Requirements for shear points	12
8.4 Entanglement hazards (see A.4.3)	12
8.4.1 Requirements	12
8.4.2 Test method	12
8.5 Choking and ingestion hazards (see A.4.4)	13
8.5.1 Requirements	13
8.5.2 Test methods	13
8.6 Suffocation hazards (see A.4.5)	14
8.6.1 Plastic packaging	14
8.6.2 Plastic decals	14

8.7	Hazardous edges, corners and protruding parts (see A.4.6)	14
8.8	Hazards from inadequate structural integrity (see A.4.7)	14
8.8.1	Static strength	14
8.8.2	Dynamic strength	15
8.9	A2 Hazards from falling A2	15
A2 8.9.1	A2 Chair attachment systems	15
A2 8.9.2	A2 Restraint system	16
A2 8.9.3	Lateral protections (see A.4.8.1) A2	17
A2 8.9.4	Hazards due to inadequate size (see A.4.8.2) A2	19
9	Product information	23
9.1	General	23
9.2	A2 Marking A2	23
9.2.1	Requirements	23
9.2.2	Durability of marking	24
9.2.3	Test method for durability of marking	24
9.3	Purchase information	24
9.4	Instructions for use	25
Annex A	(informative) Rationales	27
A.1	Introduction	27
A.2	Chemical hazards (see Clause 6)	27
A.3	Thermal hazards (see Clause 7)	27
A.4	Mechanical hazards (see Clause 8)	27
A.4.1	Entrapment hazards (see 8.2)	27
A.4.2	Hazards due to moving parts (see 8.3)	27
A.4.3	Entanglement hazards (see 8.4)	28
A.4.4	Choking and ingestion hazards (see 8.5)	28
A.4.5	Suffocation hazards (see 8.6)	28
A.4.6	Hazardous edges, corners and protruding parts (see 8.7)	28
A.4.7	Hazards from inadequate structural integrity (see 8.8)	28
A.4.8	Hazards from falling (see 8.9)	28
A1 Annex B	(informative) A1 A-deviation	30
A2 Annex C	A2 (normative) Warnings	31
Bibliography		41