

DIN EN 16120:2017-03 (E)

Child use and care articles - Chair mounted seat (includes Amendment :2016)

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