

Child use and care articles — Baby carriers — Safety requirements and test methods —

Part 1: Framed back carriers

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee CW/41, Child use and care articles, which has the responsibility to:

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Foreword

This document (EN 13209-1:2004) 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of an identical text or by endorsement, at the latest by March 2005, and conflicting national standards shall be withdrawn at the latest by March 2005.

This document includes a Bibliography.

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

1 Scope

This document specifies the safety requirements and test methods for child back carriers with framed support. These framed carriers are intended for children who can sit unaided (approximately 6 months of age) and are designed to be attached to a carer's torso allowing a "hands free operation" when standing and/or walking.

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

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

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

3 Terms and definitions

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

3.1

carer's attachment system

fastenings, straps and/or belts which are fitted to the framed carrier for the purpose of securing the article to the carer's torso

3.2

child restraint system

assembly of fastening straps and/or a belt that is fitted to the framed carrier in order to restrain the child within the carrier

3.3

freestanding carriers

carrier designed with a system that allows it to stand unsupported prior to the child being placed in the carrier

4 General requirements and conditioning

4.1 Multi – purpose products

If a carrier has other functions not covered in this standard, reference should be made to the relevant standard e.g. child wheeled conveyance (see EN 1888).

4.2 Order of tests

Unless specified the order of testing shall be carried out in the order of the clause numbers of this document.

Additional samples may be used when doing the following tests:

5.1 Chemical properties

5.2 Flammability of textiles

6.6 Accessibility of fillings

4.3 Tolerances

Unless otherwise stated the following tolerances shall apply for testing and test equipment.

All forces shall have an accuracy of $\pm 5\%$.

All masses shall have an accuracy of $\pm 1\%$.

All dimensions shall have an accuracy of $\pm 1\text{ mm}$.

All time measurements shall have an accuracy of $\pm 1\text{ s}$.

All angles shall have an accuracy of $\pm 1^\circ$.

5 Materials

5.1 Chemical properties

The migration of synthetic or natural elements: coating of paint, varnish, lacquer, printing ink, polymer and similar coatings, the other materials whether mass coloured or not shall comply with the following amounts.

Antimony	:	60 mg/kg
Arsenic	:	25 mg/kg
Barium	:	1 000 mg/kg
Cadmium	:	75 mg/kg
Chromium	:	60 mg/kg
Lead	:	90 mg/kg
Mercury	:	60 mg/kg
Selenium	:	500 mg/kg

These limits shall be checked according to the test prescribed in EN 71-3.

Where a surface coated with a multi-layer of paint or similar coating, the sample shall not include the substrate.

5.2 Flammability of textiles, coated textiles, supports and plastic coverings

The rate of the spread of flame shall not exceed 30 mm/s when tested in accordance with EN 71-2.

5.3 Conditioning

Any parts which are intended to be removed from the structure, shall be washed/dried or cleaned twice according to the manufacturer's instructions.