



National Standards Authority of Ireland

STANDARD

I.S. EN 14350-1:2004

ICS 97.190

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Fax: (01) 807 3838

**CHILD USE AND CARE ARTICLES - DRINKING
EQUIPMENT - PART 1: GENERAL AND
MECHANICAL REQUIREMENTS AND TESTS**

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
November 12, 2004*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2004

Price Code I

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 14350-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2004

ICS 97.190

English version

Child use and care articles - Drinking equipment - Part 1: General and mechanical requirements and tests

Articles de puériculture - Articles pour l'alimentation liquide
- Partie 1: Exigences générales et mécaniques et essais

Artikel für Säuglinge und Kleinkinder - Artikel für flüssige
Kindernahrung - Teil 1: Allgemeine und mechanische
Anforderungen und Prüfungen

This European Standard was approved by CEN on 30 April 2004.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of 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.



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

Management Centre: rue de Stassart, 36 B-1050 Brussels

EN 14350-1:2004 (E)

Contents

| | page |
|--|-------------|
| Foreword..... | 3 |
| Introduction | 4 |
| 1 Scope | 5 |
| 2 Normative references | 5 |
| 3 Terms and definitions | 5 |
| 4 Description | 6 |
| 5 Requirements | 10 |
| 5.1 General..... | 10 |
| 5.2 Visual and tactile examination | 10 |
| 5.3 Small parts..... | 10 |
| 5.4 Volume | 11 |
| 5.4.1 Volumetric labelling..... | 11 |
| 5.4.2 Volumetric accuracy..... | 12 |
| 5.5 Resistance to tearing | 12 |
| 5.6 Additional requirements for re-usable products | 12 |
| 5.6.1 Resistance to boiling water | 12 |
| 5.6.2 Print adhesion of markings and decorations | 12 |
| 5.6.3 Thermal shock..... | 12 |
| 5.7 Additional requirements for sealing discs..... | 12 |
| 5.8 Requirements for matched components..... | 12 |
| 5.8.1 Includes protrusions | 12 |
| 5.8.2 Includes straws | 12 |
| 5.9 Requirements for protrusions | 13 |
| 5.10 Requirements for straws..... | 13 |
| 6 Tests..... | 13 |
| 6.1 Preparation of samples | 13 |
| 6.1.1 Re-usable..... | 13 |
| 6.1.2 Single-use..... | 13 |
| 6.1.3 Conditioning..... | 13 |
| 6.2 Order of testing | 13 |
| 6.3 Tear resistance test | 15 |
| 6.3.1 Test method..... | 15 |
| 6.3.2 Tensile test | 16 |
| 6.4 Volumetric accuracy test | 16 |
| 6.5 Thermal shock test | 17 |
| 6.6 Template test..... | 17 |
| 6.7 Security/retention test..... | 18 |
| 6.7.1 Principle..... | 18 |
| 6.7.2 Test procedure | 18 |
| 6.8 Flexibility test..... | 19 |
| 6.8.1 Principle..... | 19 |
| 6.8.2 Method | 19 |
| 7 Consumer packaging | 19 |
| 8 Product information..... | 20 |
| 8.1 General..... | 20 |
| 8.2 Purchase information | 20 |
| 8.3 Instructions for use | 20 |
| Annex A (informative) A-deviations..... | 23 |
| Bibliography | 24 |

Foreword

This document EN 14350-1:2004 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 February 2005, and conflicting national standards shall be withdrawn at the latest by February 2005.

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 the United Kingdom.

This European Standard EN 14350 "Child use and care articles – Drinking equipment" consists of the following parts:

- *Part 1: General and mechanical requirements and tests*
- *Part 2: Chemical requirements and tests*

EN 14350-1:2004 (E)

Introduction

This document establishes minimum safety requirements and gives appropriate test methods for children's drinking equipment.

The complete document harmonises for the first time minimum safety requirements and test methods for children's drinking equipment. Some of the provisions have been taken from other existing national and European Standards and for these provisions the Technical Committee has relied on previous validation.

It is not permitted to claim compliance with individual parts of this document. Any claim relates to all published parts.

A significant choking hazard can arise if the component parts of drinking equipment become separated during use. This hazard is addressed in this document by the inclusion of a security test. However, as the fixing of such products to the container is user-dependent, the risk of an accident cannot be completely eliminated. This document sets out labelling requirements stating that parents or carers should not leave children unattended whilst being fed with a product containing a feeding teat or drinking accessory and that children should not be allowed to use feeding teats as a soother.

The Technical Committee considered the possibility of standardizing both the sizes of feeding teats and ranges of flow rates. However, it was decided that the many combinations of container systems in use precluded the standardization of sizes. It is recommended that all container and feeding teat combinations used are matched components.

The provision of meaningful flow rate information is difficult because of several factors including hole diameter, teat thickness, hole shape /type of feed, and also how individual infants suck the teat. Accordingly, it was decided not to include a test for flow rate but to recommend that manufacturers provide information on flow rate and hole size that is appropriate to their particular product.

It is recommended that manufacturers and suppliers operate to EN ISO 9001 [1] standard for quality management systems.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-