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Vervangt NEN-EN 14035-34:2000 Ontw.

Nederlandse norm

NEN-EN 14035-34 (en)

Fireworks - Part 34: Table bombs - Specification and test methods

ICS 71.100.30
juni 2003

Als Nederlandse norm is aanvaard:
- EN 14035-34:2003, IDT

VOORBEELD
Preview

Normcommissie 330 041 "Vuurwerk"

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Nederlands voorwoord

Voor de in deze norm vermelde normatieve verwijzingen bestaan in Nederland de volgende equivalenten:

<u>vermelde norm</u>	<u>Nederlandse norm</u>	<u>titel</u>
EN 14035-1:2003	NEN-EN 14035-1:2003	Vuurwerk - Deel 1: Terminologie (en,fr,de)
EN 14035-2	NEN-EN 14035-2	Vuurwerk - Deel 2: Categorie-indeling (en)
EN 1783	NEN-EN 1783	Lucifers - Prestatie-eisen, veiligheid en classificatie (en)
EN 20187	NEN-ISO 187	Papier, karton en celstof - Standaardatmosfeer voor conditioneren en beproeven en procedure voor controle van atmosfeer en conditioneren van monsters (en)
EN ISO 536	NEN-EN-ISO 536	Papier en karton - Bepaling van de massa per oppervlakte (en)
EN ISO 845	NEN-EN-ISO 845	Schuimkunststoffen en schuimrubbers - Bepaling van de schijnbare (bulk) dichtheid (en)
EN ISO 868	NEN-EN-ISO 868	Kunststoffen en eboniet - Bepaling van de indrukhardheid met behulp van een hardheidsmeter (Shore-hardheid) (en)
ISO 2439	NEN-EN-ISO 2439	Soepele schuimrubbers en schuimkunststoffen - Bepaling van de hardheid (indeuktechniek) (en)
ISO 2859-1	-	-

ICS 71.100.30

English version

Fireworks - Part 34: Table bombs - Specification and test methods

Artifices de divertissement - Partie 34: Bombes de tables -
Spécifications et méthodes d'essai

Feuerwerkskörper - Teil 34: Tischfeuerwerk -
Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 7 November 2002.

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 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 Management Centre has the same status as the official versions.

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Foreword

This document (EN 14035-34:2003) has been prepared by Technical Committee CEN/TC 212 "Fireworks", the secretariat of which is held by NEN.

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 November 2003, and conflicting national standards shall be withdrawn at the latest by November 2003.

This European Standard is one of a series of standards as listed below.

EN 14035-1, *Fireworks - Part 1: Terminology.*

EN 14035-2, *Fireworks - Part 2: Categorisation.*

prEN 14035-3, *Fireworks - Part 3: Aerial wheels - Specification and test methods.*

EN 14035-4, *Fireworks - Part 4: Bangers and banger batteries - Specification and test methods.*

prEN 14035-5, *Fireworks - Part 5: Batteries or combinations - Specification and test methods.*

prEN 14035-6, *Fireworks - Part 6: Bengal flames - Specification and test methods.*

prEN 14035-7, *Fireworks - Part 7: Bengal matches - Specification and test methods.*

prEN 14035-8, *Fireworks - Part 8: Bengal sticks - Specification and test methods.*

prEN 14035-9, *Fireworks - Part 9: Crackling granules - Specification and test methods.*

prEN 14035-10, *Fireworks - Part 10: Double bangers - Specification and test methods.*

EN 14035-12, *Fireworks - Part 12: Flash bangers and flash banger batteries - Specification and test methods.*

prEN 14035-13, *Fireworks - Part 13: Flash pellets - Specification and test methods.*

prEN 14035-14, *Fireworks - Part 14: Flying squibs - Specification and test methods.*

EN 14035-15, *Fireworks - Part 15: Fountains - Specification and test methods.*

prEN 14035-16, *Fireworks - Part 16: Friction-ignited flash bangers - Specification and test methods.*

prEN 14035-17, *Fireworks - Part 17: Ground spinners - Specification and test methods.*

prEN 14035-18, *Fireworks - Part 18: Hand-held fountains - Specification and test methods.*

EN 14035-19, *Fireworks - Part 19: Hand-held sparklers - Specification and test methods.*

prEN 14035-20, *Fireworks - Part 20: Jumping crackers - Specification and test methods.*

prEN 14035-21, *Fireworks - Part 21: Jumping ground spinners - Specification and test methods.*

prEN 14035-22, *Fireworks - Part 22: Mines - Specification and test methods.*

EN 14035-23, *Fireworks - Part 23: Non-hand-held sparklers - Specification and test methods.*

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prEN 14035-24, *Fireworks - Part 24: Novelty matches - Specification and test methods.*

prEN 14035-25, *Fireworks - Part 25: Party poppers - Specification and test methods.*

prEN 14035-26, *Fireworks - Part 26: Percussion caps - Specification and test methods.*

EN 14035-27, *Fireworks - Part 27: Rockets - Specification and test methods.*

prEN 14035-28, *Fireworks - Part 28: Roman candles - Specification and test methods.*

prEN 14035-29, *Fireworks - Part 29: Serpents - Specification and test methods.*

prEN 14035-31, *Fireworks - Part 31: Shells-in-mortars - Specification and test methods.*

prEN 14035-32, *Fireworks - Part 32: Snaps - Specification and test methods.*

prEN 14035-33, *Fireworks - Part 33: Spinners - Specification and test methods.*

EN 14035-34, *Fireworks - Part 34: Table bombs - Specification and test methods.*

prEN 14035-35, *Fireworks - Part 35: Throwdowns - Specification and test methods.*

prEN 14035-36, *Fireworks - Part 36: Wheels - Specification and test methods.*

prEN 14035-37, *Fireworks - Part 37: Whistlers - Specification and test methods.*

In this European Standard the annexes A to D are normative.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies requirements for the construction, performance, primary packaging and labelling of table bombs and the corresponding test methods. It is applicable to fireworks which are classified as table bombs in category 1 EN 14035-2 which contain pyrotechnic composition that is nitrocellulose, with a mass fraction of nitrogen of not more than 12,6 %.

NOTE In EN 14035-2, table bombs are classified as follows:

- brief description: paper, cardboard or plastics tube with firm bottom and closed top, containing a propellant charge and non-pyrotechnic objects;
- principal effects: report, with ejection of streamers, confetti and/or novelties.

Schemes for type testing of table bombs and batch testing of table bombs are specified in annex A and annex B respectively.

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 (including amendments).

EN 14035-1:2003, *Fireworks — Part 1: Terminology*.

EN 14035-2, *Fireworks — Part 2: Classification*.

EN 1783, *Matches – Performance requirements, safety and classification*.

EN 20187, *Paper, board and pulp – Standard atmosphere for conditioning and testing and procedure for monitoring the atmosphere and conditioning of samples (ISO 187:1990)*.

EN ISO 536, *Paper and board — Determination of grammage (ISO 536:1995)*.

EN ISO 845, *Cellular plastics and rubbers — Determination of apparent (bulk) density (ISO 845:1988)*.

EN ISO 868, *Plastics and ebonite — Determination of indentation hardness by means of a durometer (Shore Hardness) (ISO 868:1985)*.

ISO 2439, *Flexible cellular polymeric materials — Determination of hardness (indentation technique) (including Technical Corrigendum 1:2001)*.

ISO 2859-1, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection*.

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN 14035-1 apply.

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