



**National Standards Authority of Ireland**

**IRISH STANDARD**

**I.S. EN 12709:2000**

ICS 55.140

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**PLASTICS DRUMS - NON-REMOVABLE HEAD  
(TIGHT HEAD) CIRCULAR CROSS-SECTION  
DRUMS WITH A NOMINAL CAPACITY OF 20 L  
TO 120 L**

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EUROPEAN STANDARD

**EN 12709**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English version

## Plastics drums - Non-removable head (tight head) circular cross-section drums with a nominal capacity of 20 l to 120 l

Fûts en matière plastique - Fûts à ouverture partielle d'une capacité nominale de 20 l à 120 l

Kunststofffässer - Spundfässer mit kreisförmigem Querschnitt mit einem Nennvolumen von 20 l bis 120 l

This European Standard was approved by CEN on 6 November 1999.

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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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## **Foreword**

This European Standard has been prepared by Technical Committee CEN/TC 261 "Packaging", 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of an identical text or by endorsement, at the latest by July 2000, and conflicting national standards shall be withdrawn at the latest by July 2000.

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

This standard is one of a series of standards on plastics drums of 20 l to 225 l and closures.

Efficient packaging is of great importance for the distribution and the protection of goods. Insufficient or inappropriate packaging can lead to damage or wastage of the contents of the package.

## 1. Scope

This European Standard specifies the characteristics and dimensions of non-removable head (tight head) circular cross-section plastics drums with a nominal capacity of 20 l to 120 l.

## 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.

EN 12708	Plug/bung closure systems for plastics containers with a nominal capacity of 20 l to 225 l.
prEN 12713:1997	Screw cap closure systems for plastics drums with a nominal capacity of 20 l to 60 l.
EN ISO 90-2:1999	Light gauge metal containers - Definitions and determination methods for dimensions and capacities - Part 2: General use containers (ISO 90-2:1997).

## 3. Terms and definitions

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

### 3.1

#### **non-removable head (tight head) drum (TH)**

flat-ended or convex-ended circular cross-section packaging with openings for filling and emptying in the head not exceeding 70 mm in diameter

### 3.2

#### **nominal capacity (NC)**

capacity in litres which, by convention, is used to represent a class of drums of similar brimful capacities

### 3.3

#### **brimful capacity (BC)**

volume of water in litres held by the drum when filled through the filling orifice to the point of overflowing

NOTE Annex A specifies the method for measuring brimful capacity.

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