



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN ISO 4614:1999

ICS 83.080.01

**PLASTICS - MELAMINE-FORMALDEHYDE  
MOULDINGS - DETERMINATION OF  
EXTRACTABLE FORMALDEHYDE (ISO  
4614:1997)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

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English version

Plastics - Melamine-formaldehyde mouldings - Determination of  
extractable formaldehyde (ISO 4614:1977)

Plastiques - Pièces moulées à base de résine mélamine-  
formaldéhyde - Détermination du formaldéhyde extractible  
(ISO 4614:1977)

Kunststoffe - Formteile aus Melamin-Formaldehyd-Harz -  
Bestimmung des extrahierbaren Formaldehyds (ISO  
4614:1977)

This European Standard was approved by CEN on 16 April 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.



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

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Page 2  
EN ISO 4614:1999

## **Foreword**

The text of the International Standard from Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by IBN.

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of an identical text or by endorsement, at the latest by November 1999, and conflicting national standards shall be withdrawn at the latest by November 1999.

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.

## **Endorsement notice**

The text of the International Standard ISO 4614:1977 has been approved by CEN as a European Standard without any modification.

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# INTERNATIONAL STANDARD 4614

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## Plastics — Melamine-formaldehyde mouldings — Determination of extractable formaldehyde

*Plastiques — Pièces moulées à base de résine mélamine-formaldéhyde — Détermination  
du formaldéhyde extractible*

First edition — 1977-07-01

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UDC 678.652'737'21-48 : 678.019

Ref. No. ISO 4614-1977 (E)

**Descriptors** : plastics, castings, melamine resins, food industry, food packaging, chemical analysis, determination of content, formaldehyde, extraction analysis.

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 4614 was developed by Technical Committee ISO/TC 61, *Plastics*, and was circulated to the member bodies in December 1975.

It has been approved by the member bodies of the following countries :

Australia	Hungary	Portugal
Austria	India	Romania
Belgium	Iran	Spain
Brazil	Ireland	Sweden
Canada	Israel	Switzerland
Czechoslovakia	Japan	Turkey
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