

IRISH STANDARD

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MATERIALS AND ARTICLES IN CONTACT WITH FOODSTUFFS - PLASTICS - PART 1: GUIDE TO THE SELECTION OF CONDITIONS AND TEST METHODS FOR OVERALL **MIGRATION**

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English version

Materials and articles in contact with foodstuffs - Plastics - Part 1: Guide to the selection of conditions and test methods for overall migration

Matériaux et objets en contact avec les denrées alimentaires - Matière plastique - Partie 1. Guide pour le choix des conditions et des méthodes d'essai en matière de migration globale Werkstoffe und Gegenstande in Kontakt mit Lebensmitteln - Kunststoffe - Teil 1: Leitfaden für die Auswahl der Prüfbedingungen und Prüfverfahren für die Gesamtmigration

This European Standard was approved by CEN on 5 January 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.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

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Foreword

This document EN 1186-1:2002 has been prepared by Technical Committee CEN/TC 194 'Utensils in contact with food', the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by October 2002, and conflicting national standards shall be withdrawn at the latest by October 2002.

This document supersedes ENV 1186-1:1994.

This document is one of a series of methods of test for plastics materials and articles in contact with foodstuffs.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EC Directive(s).

For relationship with EC Directive(s), see informative annex ZA which is an integral part of this document.

At the time of preparation and publication of this standard the European Union legislation relating to plastics materials and articles intended to come into contact with foodstuffs is incomplete. Further Directives and amendments to existing Directives are expected which could change the legislative requirements which this standard supports. It is therefore strongly recommended that users of this standard refer to the latest relevant published Directive(s) before commencement of any of the test or tests described in this standard.

The titles of other parts of this European Standard are as follows:

EN 1186 Materials and articles in contact with foodstuffs - Plastics -:

- Part 2 Test methods for overall migration into olive oil by total immersion
- Part 3 Test methods for overall migration into aqueous food simulants by total immersion
- Part 4 Test methods for overall migration into olive oil by cell
- Part 5 Test methods for overall migration into aqueous food simulants by cell
- Part 6 Test methods for overall migration into olive oil using a pouch
- Part 7 Test methods for overall migration into aqueous food simulants using a pouch
- Part 8 Test methods for overall migration into olive oil by article filling
- Part 9 Test methods for overall migration into aqueous food simulants by article filling
- Part 10 Test methods for overall migration into olive oil (modified method for use in cases where incomplete extraction of olive oil occurs)
- Part 11 Test methods for overall migration into mixtures of ¹⁴C-labelled synthetic triglycerides
- Part 12 Test methods for overall migration at low temperatures
- Part 13 Test methods for overall migration at high temperatures
- Part 14 Test method for substitute tests for overall migration into iso-octane and 95 % aqueous ethanol

Part 15 Alternative test methods to migration into fatty food simulants by rapid extraction into isooctane and/or 95 % ethanol

Annexes A and B form normative parts of this standard. Annex C is for information only

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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.



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