

WITHDRAWN

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Interim Australian Standard®

**Re-usable plastics cookware for
microwave ovens**



STANDARDS AUSTRALIA 

This Interim Australian Standard was prepared by Committee CS/74, Plastics for Microwave Cooking. It was approved on behalf of the Council of Standards Australia on 24 October 1990 and published on 4 March 1991.

The following interests are represented on Committee CS/74:

Australian Consumers Association
Australian Federation of Consumer Organizations
Composites Institute of Australia
Consumer Affairs Bureau, Qld
Department of Community Services and Health
Department of Public and Consumer Affairs, S.A.
Federal Bureau of Consumer Affairs
Microwave Information Council of Australia
Pigment Ecological and Toxicological Technical Committee of Australia
The Plastics Industry Association

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**Re-usable plastics cookware for
microwave ovens**

First published as AS 3866 (Int)—1991.

PREFACE

This Interim Standard was prepared by the Standards Australia Committee for Plastics for Microwave Cooking, under the direction of the Consumer Standards Advisory Board.

Although the requirements specified in this document are believed to be practicable, there has been a lack of available verification data. As a consequence, it is released as only an Interim Standard.

Standards Australia invites comment on this Interim Standard from persons and organizations concerned with the subject. The date for expiry of comment is 4 March 1992, at which time (or earlier) this Interim Standard will be either withdrawn or revised in the light of comments received.

During the life of this document, the committee will monitor all comment on the use of the document.

Attention is drawn to the fact that this document is an Interim Australian Standard only and should be regarded as a draft Standard and hence liable to alteration after the expiry date.

This document is not to be regarded as an Australian Standard until issued as such by Standards Australia.

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STANDARDS AUSTRALIA

Australian Standard

Re-usable plastics cookware for microwave ovens

1 SCOPE This Interim Standard specifies requirements and test procedures for substantially rigid re-usable plastics cookware intended for use in microwave ovens.

2 REFERENCED DOCUMENTS The following documents are referred to in this Interim Standard:
AS

2070 Plastics materials for food contact use

2070.1 Polyethylene

2070.2 Polyvinyl chloride (PVC) compound

2070.3 Styrene plastics materials

2070.4 Acrylonitrile plastics materials

2070.5 Polypropylene

2070.6 Colourants

2070.7 Polyvinylidene chloride (PVDC)

3 MATERIALS

3.1 General Plastics cookware shall *not* include any substance in such a quantity or in such a manner that would be hazardous to health when the cookware is used in its intended manner.

3.2 Specific materials If the plastics cookware is made from—

(a) polyethylene;

(b) polyvinyl chloride (PVC);

(c) styrene;

(d) acrylonitrile;

(e) polypropylene; or

(f) polyvinylidene chloride (PVDC),

the material shall comply with the appropriate part of AS 2070.

3.3 Colourants The colourants and quantities used in the manufacture of plastics cookware shall comply with AS 2070.6.

4 PERFORMANCE REQUIREMENTS

4.1 Dimensional stability When tested in accordance with Appendix A, the maximum percentage permanent dimensional distortion of the test sample, after heating and cooling, shall not exceed 2%, and the maximum percentage deflection, when hot, shall not exceed 5%.

4.2 Impact When tested in accordance with Appendix B, the test sample shall show no breaks or cracks which extend through its entire thickness.

4.3 Thermal shock When tested in accordance with Appendix C, the test sample shall show no breaks or cracks which extend through its entire thickness.

4.4 Accelerated ageing When tested in accordance with Appendix D, the test sample shall show no breaks or cracks which extend through its entire thickness.

5 LABELLING

5.1 Package The primary display panel of the package containing plastics cookware shall indicate the following, if appropriate:

(a) Not suitable for use with high sugar content foods, fats or oils, if the cookware does not comply with Clause 4.1 at the $195 \pm 10^\circ\text{C}$ oven temperature.

(b) Not suitable for freezer-to-microwave use, if the cookware does not comply with Clause 4.3.

The wording shall be in letters that are—

(i) not less than 1.5 mm in height; and

(ii) in red, if red contrasts with the colours on the primary display panel; or

(iii) in any primary colour that contrasts with the colours on the primary display panel, if red does *not* contrast with the colours on the primary display panel.