

STANDARDS AUSTRALIA

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**RECONFIRMATION**

**OF**

**AS 3558.24—1999**

**Methods of testing plastics and composite materials sanitary plumbing fixtures  
Method 24: Determination of resistance to hot liquids of the surface of sinks**

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**RECONFIRMATION NOTICE**

Technical Committee WS-003 has reviewed the content of this publication and in accordance with Standards Australia procedures for reconfirmation, it has been determined that the publication is still valid and does not require change.

Certain documents referenced in the publication may have been amended since the original date of publication. Users are advised to ensure that they are using the latest versions of such documents as appropriate, unless advised otherwise in this Reconfirmation Notice.

Approved for reconfirmation in accordance with Standards Australia procedures for reconfirmation on 30 September 2016.

The following are represented on Technical Committee WS-003:

Association of Accredited Certification Bodies  
Australian Chamber of Commerce and Industry  
CSIRO  
Department of Agriculture and Water Resources (Australian Government)  
Plastics New Zealand  
Plumbing Distributors Association of New Zealand  
Plumbing Products Industry Group  
Testing Interests (Australia)

## NOTES

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# Methods of testing plastics and composite materials sanitary plumbing fixtures

## Method 24: Determination of resistance to hot liquids of the surface of sinks

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### 1 SCOPE

This Standard sets out a method for determining the resistance to hot liquids of the surface of plastic sinks.

### 2 REFERENCED DOCUMENT

The following document is referred to in this Standard:

AS

3558 Methods of testing plastics and composite materials sanitary plumbing fixtures

3558.6 Method 6: Visual examination of surface finish for defects

### 3 PRINCIPLE

Heated cooking oil is poured into the sink bowl. The sink is then visually examined.

### 4 APPARATUS

The following apparatus is required:

- (a) A saucepan or similar vessel.
- (b) An oven capable of maintaining a temperature of  $230 \pm 5^\circ\text{C}$ .
- (c)  $750 \pm 50$  mL of cooking oil.

### 5 PROCEDURE

The procedure shall be as follows:

**WARNING: SAFETY CLOTHING AND GLASSES SHOULD BE WORN**

- (a) Heat the cooking oil to  $230 \pm 5^\circ\text{C}$ .
- (b) Plug the sink waste outlet.
- (c) Pour the oil into the sink bowl at a rate of  $15 \pm 2$  L/min so as to impinge on the bottom furthest from the waste outlet.
- (d) Allow the sink to cool down for  $30 \pm 5$  min.
- (e) Inspect the sink in accordance with AS 3558.6.