

## Methods of testing

# Plastics —

## Part 4: Chemical properties —

### Method 451A: Determination of acetone-soluble matter in phenolic mouldings

[ISO title: Plastics — Phenolic mouldings — Determination of  
acetone-soluble matter]

**IMPORTANT NOTE.** Before reading this method it is essential to read the foreword,  
general introduction and instructions to BS 2782, issued separately.

UDC 678.5/.8:678.01:543.832:678.632

# National foreword

This method, which has been prepared under the direction of the Plastics Standards Committee, is identical with ISO 59 “*Plastics — Phenolic mouldings — Determination of acetone-soluble matter*”. It replaces method 401A of BS 2782:1970, which is being withdrawn.

WARNING NOTE. This method does not necessarily detail all the precautions necessary to meet the requirements of the Health and Safety at Work etc. Act 1974.

Attention should be paid to any appropriate safety precautions, and the method should only be operated by trained personnel.

**Terminology and conventions.** The text of the International Standard has been approved as suitable for publication, without deviation, as a British Standard. Some terminology and certain conventions are not identical with those used in British Standards; attention is especially drawn to the following. The comma has been used throughout as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Wherever the words “International Standard” appear, referring to this standard, they should be interpreted as “British Standard”.

**Cross-reference.** For the following reference to an International Standard given in the text, there is a corresponding British Standard; this is given below:

| Reference to International Standard | Corresponding British Standard                   |
|-------------------------------------|--------------------------------------------------|
| ISO 565:1972                        | BS 410:1976 <i>Specification for test sieves</i> |

**Additional information.** The following British Standards are relevant to the reagent specified in clause 3 and the apparatus specified in clause 4.

- BS 509, *Acetone*.
- BS 2071, *Soxhlet extractors*.
- BS 2648, *Performance requirements for electrically-heated laboratory drying ovens*.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

## Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 and 2 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

## Amendments issued since publication

| Amd. No. | Date of issue | Comments |
|----------|---------------|----------|
|          |               |          |
|          |               |          |
|          |               |          |
|          |               |          |
|          |               |          |

This British Standard, having been prepared under the direction of the Plastics Standards Committee, was published under the authority of the Executive Board on 31 May 1978

© BSI 10-1999

The following BSI references relate to the work on this standard:  
Committee reference PLC/17  
Draft for comment 77/50307 DC

ISBN 0 580 10217 3

# Contents

|                                  | Page               |
|----------------------------------|--------------------|
| National foreword                | Inside front cover |
| 1 Scope and field of application | 1                  |
| 2 Principle                      | 1                  |
| 3 Reagent                        | 1                  |
| 4 Apparatus                      | 1                  |
| 5 Preparation of sample          | 1                  |
| 6 Procedure                      | 1                  |
| 7 Expression of results          | 2                  |
| 8 Test report                    | 2                  |
| Figure — Extraction apparatus    | 1                  |