

Binders for paints —

Part 1: Method for determination of volatile and non-volatile content

[ISO title: Paint media — Determination of volatile and
non-volatile matter]

UDC 667.612:667.621:543.813/.814

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Pigments, Paints and Varnishes Standards Committee (PVC/-) to Technical Committee PVC/3, upon which the following bodies were represented:

- British Resin Manufacturers' Association
- Fosfa International
- Oil and Colour Chemists' Association
- Overseas Development Administration — Tropical Development and Research Institute
- Paint Research Association
- Paintmakers' Association of Great Britain Ltd.
- Seed Crushers' and Oil Processors' Association

This British Standard, having been prepared under the direction of the Pigments, Paints and Varnishes Standards Committee, was published under the authority of the Board of BSI and comes into effect on 31 March 1987

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The following BSI references relate to the work on this standard:
Committee reference PVC/3
Draft for comment 86/52066 DC

ISBN 0 580 15703 2

Amendments issued since publication

Amd. No.	Date of issue	Comments

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National foreword

BS 6782 has been prepared under the direction of the Pigments, Paints and Varnishes Standards Committee in order to provide methods for testing binders used in the paint and varnish industries. This Part of BS 6782 is identical with ISO 3251:1974 “*Paint media — Determination of volatile and non-volatile matter*” published by the International Organization for Standardization (ISO).

BS 6782 is published in a number of Parts, bringing together several International Standards that have been prepared by ISO Technical Committee TC 35, Paints and varnishes.

Other Parts of BS 6782 are as follows.

- *Part 2: Method for determination of saponification value (titrimetric method);*
- *Part 3: Method for determination of acid value (titrimetric method);*
- *Part 4: Method for determination of hydroxyl value (titrimetric method);*
- *Part 5: Method for estimation of colour of clear liquids by the Gardner colour scale;*
- *Part 6: Method for determination of softening point (ring and ball method).*

It has been assumed in the drafting of this standard that it will be used and applied by those who are appropriately qualified and experienced. The procedures described in this standard are intended to be carried out by suitably trained and/or supervised personnel. The substances and procedures described may be injurious to health if inadequate precautions are taken. The standard only refers to its technical suitability and does not absolve the user from statutory regulations relating to health and safety.

Terminology and conventions. The text of the International Standard has been approved as suitable for publication as a British Standard without deviation. Some terminology and certain conventions are not identical with those used in British Standards; attention is drawn especially to the following.

The comma has been used as a decimal marker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

The symbol “ml” has been used to denote millilitre. In British Standards it is current practice to use the symbol “mL”.

Wherever the words “International Standard” appear, referring to this standard, they should be read as “Part of BS 6782”.

Cross-reference

International Standard	Corresponding British Standard
ISO 842:1984	BS 4726:1986 <i>Methods for sampling raw materials for paints and varnishes</i> (Identical)

Additional information. For some products it should be noted that in order to carry out the method of test described in this Part of BS 6782, it may be necessary to obtain certain supplementary information (see 6.2). This information should either be derived from the appropriate British Standard or other document for the product under test or, if necessary, be the subject of agreement between the parties concerned. The test report (see clause 8) should state the temperature and the period of the test. In addition when the specified precision is not obtained (see 7.2 and 7.3), it will be necessary to agree the material of the dish (see note to 7.3) and to state this in the test report.

This standard describes a method of test only and should not be referred to as a specification defining limits of purity. Reference to the standard should indicate that the method of test used is in accordance with BS 6782-1.