

Dyestuffs — Determination of solubility in organic solvents — Gravimetric method

ICS 87.060.10

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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 Policy Committee (PVC/-) to Technical Committee PVC/1, upon which the following bodies were represented:

- Aluminium Powder and Paste Association
- British Cement Association
- British Precast Concrete Federation Ltd
- Chemical Industries' Association
- Oil and Colour Chemists' Association
- Paintmakers' Association of Great Britain Ltd
- Red Lead and Litharge Manufacturers' Association
- Titanium Pigment Manufacturers' Technical Committee
- Zinc Development Association

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National foreword

This British Standard has been prepared by Technical Committee STI/1, formerly PVC/1, and is the English language version of EN ISO 7579:1996 *Dyestuffs — Determination of solubility in organic solvents — Gravimetric method* published by the European Committee for Standardization (CEN). It was derived by CEN from ISO 7579:1990.

As a consequence of implementing EN ISO 7579 as a British Standard, BS 3483-B11 has been renumbered as BS EN ISO 7579. Any reference to BS 3483-B11 should be read as a reference to BS EN ISO 7579.

An introduction is included in ISO 7579:1990 which reads as follows.

“Many dyestuffs, when present in excess, dissolve in solvents to give concentrations that are independent of the ratio of dyestuff to solvent (saturation concentrations). In these instances, the saturation concentration is defined as the solubility. However, some dyestuff/solvent systems do not show a definite saturation concentration and the dyestuff continues to dissolve in the solvent as the proportion of the dyestuff is increased. A graphical method for determining the solubility of these dyestuffs is presented in this International Standard.”

Cross-references

International Standard	Corresponding British Standard
ISO 758:1976	BS 4522:1988 <i>Method for determination of absolute density at 20 °C of liquid chemical products for industrial use</i> (Identical)
ISO 787-2:1981	BS EN ISO 787 <i>General methods of test for pigments and extenders Part 2:1995 Determination of matter volatile at 105 °C</i> (Identical)
ISO 842:1984	BS 4726:1986 <i>Methods for sampling raw materials for paints and varnishes</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 1625:1977, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

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.

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN ISO title page, pages 2 to 10, an inside back cover 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.

**Dyestuffs — Determination of solubility in organic
solvents —
Gravimetric method**

(ISO 7579:1990)

Colorants — Détermination de la solubilité
dans les solvants organiques — Méthode
gravimétrique
(ISO 7579:1990)

Farbstoffe — Bestimmung der Löslichkeit in
organischen Lösemitteln — Gravimetrisches
Verfahren
(ISO 7579:1990)

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