BS EN ISO 2811-4:2011

BSI Standards Publication

# Paints and varnishes — Determination of density

## Part 4: Pressure cup method (ISO 2811-4:2011)

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## National foreword

This British Standard is the UK implementation of EN ISO 2811-4:2011. It supersedes BS EN ISO 2811-4:2001 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee STI/10, Test methods for paints.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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**Compliance with a British Standard cannot confer immunity from legal obligations.**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# EN ISO 2811-4

March 2011

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Supersedes EN ISO 2811-4:2001

English Version

## Paints and varnishes - Determination of density - Part 4: Pressure cup method (ISO 2811-4:2011)

Peintures et vernis - Détermination de la masse volumique - Partie 4: Méthode du cylindre sous pression (ISO 2811-4:2011)

Beschichtungsstoffe - Bestimmung der Dichte - Teil 4: Druckzylinder-Verfahren (ISO 2811-4:2011)

This European Standard was approved by CEN on 19 February 2011.

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# Foreword

This document (EN ISO 2811-4:2011) has been prepared by Technical Committee ISO/TC 35 "Paints and varnishes" in collaboration with Technical Committee CEN/TC 139 “Paints and varnishes” the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2011, and conflicting national standards shall be withdrawn at the latest by September 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 2811-4:2001.

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**Endorsement notice**

The text of ISO 2811-4:2011 has been approved by CEN as a EN ISO 2811-4:2011 without any modification.

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# Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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ISO 2811-4 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

This second edition cancels and replaces the first edition (ISO 2811-4:1997), which has been technically revised.

The main changes are:

a) The unit for the density has been changed from grams per millilitre to grams per cubic centimetre, because this is the more common SI unit.

b) The determination in duplicate has been changed to a single determination.

c) The normative references have been updated.

ISO 2811 consists of the following parts, under the general title *Paints and varnishes — Determination of density*:

— *Part 1: Pyknometer method*

— *Part 2: Immersed body (plummet) method*

— *Part 3: Oscillation method*

— *Part 4: Pressure cup method*


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