

Specification for

Lead chromate pigments and lead chromate-molybdate pigments for paints

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 Railways Board
- Chemical Industries' Association
- Oil and Colour Chemists' Association
- Paintmakers Association of Great Britain Ltd
- Titanium Pigment Manufacturers' Technical Committee
- Zinc Development Association

This British Standard, having been prepared under the direction of the Pigments, Paints and Varnishes Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 28 June 1991

© BSI 11-1999

The following BSI references relate to the work on this standard:
Committee reference PVC/1
Draft for comment 85/52821 DC

ISBN 0 580 19741 7

Amendments issued since publication

Amd. No.	Date	Comments

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
1 Scope	1
2 Normative references	1
3 Classification	1
4 Required characteristics and associated tolerances	2
5 Sampling	3
6 Determination of total lead content	3
7 Determination of soluble lead content	6
8 Test report	7
Table 1 — Classification of lead chromate pigments and lead chromate-molybdate pigments	2
Table 2 — Essential requirements	2
Table 3 — Conditional requirements	2
Publication(s) referred to	Inside back cover

National foreword

This British Standard has been prepared under the direction of the Pigments, Paints and Varnishes Standards Policy Committee. It is identical with ISO 3711:1990 “*Lead chromate pigments and lead chromate-molybdate pigments — Specifications and methods of test*”, published by the International Organization for Standardization (ISO). ISO 3711:1990 was reprinted to correct errors and reissued by ISO in March 1991. This British Standard is identical with the reprinted edition of ISO 3711.

Cross-references

International Standard	Corresponding British Standard
	BS 3483 <i>Methods for testing pigments for paints</i>
ISO 787-1:1982	Part A1:1983 <i>Comparison of colour</i> (Identical)
ISO 787-2:1981	Part B6:1982 <i>Determination of matter volatile at 105 °C</i> (Identical)
ISO 787-4:1981	Part C3:1982 <i>Determination of acidity or alkalinity of the aqueous extract</i> (Identical)
ISO 787-5:1980	Part B7:1982 <i>Determination of oil absorption value</i> (Identical)
ISO 787-7:1981	Part B3:1982 <i>Determination of residue on sieve (water method, using a manual procedure)</i> (Identical)
ISO 787-8:1979	Part C2:1980 <i>Determination of matter soluble in water (cold extraction method)</i> (Identical)
ISO 787-9:1981	Part C4:1982 <i>Determination of pH value of an aqueous suspension</i> (Identical)
ISO 787-15:1986	Part A3:1988 <i>Comparison of resistance to light of coloured pigments of similar types under specified light sources</i> (Identical)
ISO 787-16:1986	Part A4:1988 <i>Determination of the relative tinting strength and colour on reduction of coloured pigments using visual comparison</i> (Identical)
ISO 787-20:1975	Part B5:1974 <i>Comparison of ease of dispersion (oscillatory shaking method)</i> (Technically equivalent)
ISO 842:1984	BS 4726:1986 <i>Methods for sampling raw materials for paints and varnishes</i> (Identical)
ISO 1042:1983	BS 1792:1982 <i>Specification for one-mark volumetric flasks</i> (Identical)
ISO 3696:1987	BS 3978:1987 <i>Specification for water for laboratory use</i> (Identical)
ISO 3856-1:1984	BS 3900 <i>Methods of test for paints</i> Part B6:1986 <i>Determination of “soluble” lead content</i> (Identical)
ISO 4793:1980	BS 1752:1983 <i>Specification for laboratory sintered or fritted filters including porosity grading</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 385-1:1984 and ISO 648:1977, to which reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard. Related British Standards to ISO 385-1 and ISO 648 are BS 846:1985, "*Specification for burettes*" and BS 1583:1986, "*Specification for one-mark pipettes*".

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 to iv, pages 1 to 8, 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.