

Specification for

Tung oil for paints and varnishes

[ISO title: Raw tung oils for paints and varnishes —
Specifications and methods of test]

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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 30 June 1987

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The following BSI references relate to the work on this standard:
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National foreword

This British Standard has been prepared under the direction of the Pigments, Paints and Varnishes Standards Committee. It is identical with ISO 277:1983 “*Raw tung oils for paints and varnishes — Specifications and methods of test*”, published by the International Organization for Standardization (ISO). This revision supersedes BS 391:1962, which is withdrawn.

BS 391 was first published in 1929 and this fifth revision brings the standard in line with international agreements by implementing the ISO standard as an identical British Standard. The main changes in this edition are as follows:

- a) sampling is now carried out in the manner specified for raw materials for paints and varnishes;
- b) the colour is measured by a recognized test method;
- c) the density and refractive index are measured at 23 °C and the values have been adjusted accordingly;
- d) the requirement for iodine value has been deleted;
- e) the requirements have been referred to published test methods where available.

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.

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 “l” has been used to denote litre (and in its submultiples). In British Standards it is current practice to use the symbol “L” and to use the spelling “sulphur”, etc., instead of “sulfur”, etc.

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

Cross-references

International Standard	Corresponding British Standard
ISO 654:1980	BS 5074:1974 <i>Specification for short and long solid-stem thermometers for precision use</i> (Technically equivalent)
ISO 842:1984	BS 4726:1986 <i>Methods for sampling raw materials for paints and varnishes</i> (Identical)
	BS 6782 <i>Binders for paints</i>
ISO 3681:1983	Part 2:1987 <i>Method for determination of saponification value (titrimetric method)</i> (Identical)
ISO 3682:1983	Part 3:1987 <i>Method for determination of acid value (titrimetric method)</i> (Identical)
ISO 3838:1983	BS 4699:1985 <i>Methods for determination of density or relative density of petroleum products (pycnometer methods)</i> (Identical)
ISO 4630:1981	BS 6782 <i>Binders for paints</i> Part 5:1987 <i>Method for estimation of colour of clear liquids by the Gardner colour scale</i> (Identical)