

Specification for

Phenolic moulding materials

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Plastics and Rubber Standards Policy Committee (PRM/-) to Technical Committee PRM/40, upon which the following bodies were represented:

- BEAMA Ltd.
- British Plastics Federation
- EEA (the Association of Electronics, Telecommunications and Business Equipment Industries)
- Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd.)
- European Resin Manufacturers' Association
- Ministry of Defence

This British Standard, having been prepared under the direction of the Plastics and Rubber Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 November 1992

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National foreword

This British Standard has been prepared under the direction of the Plastics and Rubber Standards Policy Committee and is identical with ISO 800:1992 *Plastics — Phenolic moulding materials — Specification*, published by the International Organization for Standardization (ISO).

It supersedes BS 771-1:1980 and BS 771-2:1980 which are withdrawn.

Cross-references

International standard	Corresponding British Standard
	BS 2782 <i>Methods of testing plastics</i>
ISO 62:1980	Methods 430A to 430D:1983 <i>Determination of water absorption at 23 °C. Determination of water absorption at 23 °C with allowance for water-soluble matter. Determination of boiling water absorption. Determination of boiling water absorption with allowance for water-soluble matter</i> (Identical)
ISO 75:1987	Methods 121A and 121B:1991 <i>Determination of temperature of deflection of plastics under a bending stress</i> (Identical)
ISO 120:1977	Method 451D:1978 <i>Determination of free ammonia and ammonium compounds in phenol-formaldehyde mouldings (colorimetric comparison method)</i> (Identical)
ISO 171:1980	Method 621C:1983 <i>Determination of the bulk factor of moulding materials</i> (Identical)
ISO 178:1975	Method 335A:1978 <i>Determination of flexural properties of rigid plastics</i> (Identical)
ISO 179:1982	Method 359:1984 <i>Determination of Charpy impact strength of rigid materials (Charpy impact flexural test)</i> (Identical)
ISO 180:1982	Method 350:1984 <i>Determination of Izod impact strength of rigid materials</i> (Identical)
ISO 291:1977	Part 0:1992 <i>Introduction</i> (Annex A is identical)
ISO 295:1991	Method 902A:1992 <i>Plastics — Compression moulding of test specimens of thermosetting materials</i> (Identical)
ISO 308:1981	Method 451C:1978 <i>Determination of acetone-soluble matter (resin content of the material in the unmoulded state) of phenolic moulding materials</i> (Technically equivalent)
ISO 1183:1987	Method 620A to 620D:1991 <i>Determination of density and relative density of non-cellular plastics</i> (Identical)
IEC 112:1979	BS 5901:1980 <i>Method of test for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 181, ISO 2577, ISO 2818, IEC 167, IEC 243-1, IEC 250 and IEC 296, to which normative 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.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

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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.