

Plastics — Polyamide (PA) moulding and extrusion materials —

Part 2: Preparation of test specimens and determination of properties

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PRI/35, Speciality thermoplastics moulding materials, upon which the following bodies were represented:

- British Plastics Federation
- British Telecommunications plc
- Department of Trade and Industry (National Physical Laboratory)
- Electrical Installation Equipment Manufacturers' Association (BEAMA)
- ERA Technology Ltd.
- Federation of the Electronics Industry
- Ministry of Defence
- PERATEC Ltd.
- RAPRA Technology Ltd.
- Society of Motor Manufacturers and Traders Ltd.

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National foreword

This British Standard has been prepared by Technical Committee PRI/35 and is the English language version of EN ISO 1874-2:1995, *Plastics — Polyamide (PA) moulding and extrusion materials — Part 2: Preparation of test specimens and determination of properties*, published by the European Committee for Standardization (CEN). It is identical with ISO 1874-2:1995 published by the International Organization for Standardization (ISO). EN 1874-2:1995 was produced as a result of international discussions in which the United Kingdom took an active part.

Cross-references

Publication referred to	Corresponding British Standard
ISO 62:1980	BS 2782 <i>Methods of testing plastics</i> Part 4 <i>Chemical properties</i> 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>
ISO 75-1:1993	Part 1 <i>Thermal properties</i> Method 121:1994 <i>General test method for determination of temperature of deflection under load of plastics</i>
ISO 75-2:1993	Methods 121A to 121C:1994 <i>Determination of temperature of deflection under load of plastics and ebonite</i>
ISO 179:1993	Part 3 <i>Mechanical properties</i> Method 359:1993 <i>Determination of Charpy impact strength</i>
ISO 180:1993	Method 350:1993 <i>Determination of Izod impact strength</i>
ISO 294:1995	Part 9 <i>Sampling and test specimen preparation</i> Method 910A:1977 <i>Injection moulding test specimens of thermoplastic materials</i>
ISO 527-1:1993	Part 3 <i>Mechanical properties</i> Method 321:1994 <i>Determination of tensile properties. General principles</i>
ISO 527-2:1993	Method 322:1994 <i>Determination of tensile properties, test conditions for moulding and extrusion plastics</i>
ISO 1110:1995	BS ISO 1110:1995 <i>Plastics — Polyamides — Accelerated conditioning of test specimens</i>
ISO 1183:1987	BS 2782 <i>Methods of testing plastics</i> Part 6 <i>Dimensional properties</i> Methods 620A to 620D:1991 <i>Determination of density and relative density of non-cellular plastics</i>
ISO 1210:1992	Part 1 <i>Thermal properties</i> Method 140A:1992 <i>Determination of the burning behaviour of horizontal and vertical specimens in contact with a small-flame ignition source</i>
ISO 3146:1985	Methods 125A to 125C:1991 <i>Determination of melting behaviour (melting temperature or melting range) of semi-crystalline polymers</i>
ISO 3167:1993	Part 9 <i>Sampling and test specimen preparation</i> Method 931A:1993 <i>Preparation and use of multipurpose test specimens</i>

ISO 3451-4:1986	Part 4 <i>Chemical properties</i> Method 470D:1991 <i>Determination of ash of polyamides</i>
ISO 8256:1990	Part 3 <i>Mechanical properties</i> Methods 354A and 354B:1991 <i>Determination of tensile-impact strength</i>
ISO 10350:1993	BS 7008 <i>Acquisition and presentation of comparable data for basic properties of plastics</i> Part 1:1994 <i>Method for single-point data</i>
IEC 93:1980	BS 6233:1982 <i>Methods of test for volume resistivity and surface resistivity of solid electrical insulating materials</i>
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>

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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.