

Plastics piping and ducting systems — Polyolefin pipes and fittings — Determination of oxidation induction time

The European Standard EN 728 : 1997 has the status of a British Standard

ICS 23.040.20

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PRI/61, Plastics piping systems and components, upon which the following bodies were represented:

- British Gas plc
- British Plastics Federation
- British Plumbing Fittings Manufacturers' Association
- British Valve and Actuator Manufacturers' Association
- Chartered Institution of Water and Environment Management
- Department of the Environment (British Board of Agrément)
- Department of the Environment (Building Research Establishment)
- Department of Transport
- Electricity Association
- Health and Safety Executive
- Institute of Building Control
- Institute of Materials
- Institution of Civil Engineers
- Institution of Gas Engineers
- National Association of Plumbing, Heating and Mechanical Services Contractors
- Pipeline Industries Guild
- Plastics Land Drainage Manufacturers' Association
- Society of British Gas Industries
- Society of British Water Industries
- Water Companies Association
- Water Services Association of England and Wales

The following bodies were also represented in the drafting of this standard, through subcommittees and panels:

- ERA Technology Ltd.
- Engineering Equipment and Materials Users' Association
- RAPRA Technology Ltd.

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 July 1997

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Amendments issued since publication

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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 by Technical Committee PRI/61 and is the English language version of EN 728 : 1997 *Plastics piping and ducting systems — Polyolefin pipes and fittings — Determination of oxidation induction time*, published by the European Committee for Standardization (CEN).

It is incorporated into BS 2782 *Methods of testing plastics : Part 11 : Thermoplastics pipes, fittings and valves*, as Method 1103D : 1997, for association with related test methods for plastics materials and plastics piping components.

This test method has been prepared for reference by other standards under preparation by CEN for specification of plastics piping and ducting systems and components. It has been implemented to enable experience of the method to be gained and for use for other fresh applications.

It is also for use for the revision or amendment of other national standards as practicable, but it should not be presumed to apply to any existing standard or specification which contains or makes reference to a different test method until that standard/specification has been amended or revised to make reference to this method and adjust any requirements as appropriate.

Cross-references

Publication referred to	Corresponding British Standard
ISO 293	BS 2782 : Part 9 : Method 901A : 1988 <i>Methods of testing plastics : Part 9 Sampling and test specimen preparation : Method 901A Compression moulding test specimens of thermoplastics materials</i>
ISO 1133	BS 2782 : Part 7 : Method 720A : 1997 ¹⁾ <i>Methods of testing plastics : Part 7 : Rheological properties : Method 720A Determination of melt flow rate of thermoplastics</i>

NOTE 1. For other applications, attention is drawn to BS 2782 : Part 1 : Methods 134A and 134B : 1992 *Determination of the oxidation induction time of thermoplastics*.

NOTE 2. Attention is drawn to the use in figure 1 of 'D' to designate the horizontal axis, for temperature and in figure 2 of 'F' to designate the time axis. This is inconsistent with ISO/TR 10837 : 1991, and with other test methods prepared by CEN/TC 155 and ISO/TC 138, which generally use 'T' to designate a temperature axis and 'time' or 't' to designate the time axis. 'F' is generally used to designate a force. Hence the use of 'D' and 'F' as presented in EN 728 : 1997 should not be copied into other contexts if it can be avoided.

Warning note. This British Standard, which is identical with EN 728 : 1997, does not necessarily detail all the precautions necessary to meet the requirements of the Health and Safety at Work etc. Act 1974. Attention should be paid to any appropriate safety precautions and the method should be operated only by trained personnel.

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

Summary of pages

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¹⁾ Under preparation.