



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 728:1997

ICS 83.140.30

**PLASTICS PIPING AND DUCTING SYSTEMS -
POLYOLEFIN PIPES AND FITTINGS -
DETERMINATION OF OXIDATION
INDUCTION TIME**

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800
Tel: (01) 807 3838

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
October 17, 1997*

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Údarás um Chaighdeáin Náisiúnta na hÉireann

DECLARATION

OF

SPECIFICATION

ENTITLED

PLASTICS PIPING AND DUCTING SYSTEMS - POLYOLEFIN PIPES AND FITTINGS -
DETERMINATION OF OXIDATION INDUCTION TIME

AS

THE IRISH STANDARD SPECIFICATION FOR

PLASTICS PIPING AND DUCTING SYSTEMS - POLYOLEFIN PIPES AND FITTINGS -
DETERMINATION OF OXIDATION INDUCTION TIME

NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1966 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Plastics piping and ducting systems - Polyolefin pipes and fittings - Determination of oxidation induction time) Declaration, 1997.
2. (1) The Specification set forth in the schedule to this declaration is hereby declared to be the standard specification for Plastics piping and ducting systems - Polyolefin pipes and fittings - Determination of oxidation induction time. The Schedule comprises the text of EN 728:1997.

(2) The said standard specification may be cited as Irish Standard EN 728:1997 or as I.S. EN 728:1997.

EUROPEAN STANDARD

EN 728

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 1997

ICS 83.140.30

Descriptors: plastic tubes, thermoplastic resins, polyolefines, pipe fittings, tests, determination, thermal stability, oxidation

English version

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

Systèmes de canalisations et de gaines en
plastiques - Tubes et raccords en polyoléfine
- Détermination du temps d'induction à
l'oxydation

Kunststoff-Rohrleitungs- und Schutzrohrsysteme
- Rohre und Formstücke aus Polyolefinen -
Bestimmung der Oxidations-Induktionszeit

This European Standard was approved by CEN on 1996-10-27. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 155 "Plastics piping systems and ducting systems", the secretariat of which is held by NNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by July 1997, and conflicting national standards shall be withdrawn at the latest by July 1997.

This standard is based on ISO/TR 10837:1991 "Determination of the thermal stability of polyethylene (PE) for use in gas pipes and fittings", published by the International Organization for Standardization (ISO). It is a modification of ISO/TR 10837:1991 for reasons of applicability to other plastics materials and/or other test conditions and alignment with texts of other standards on test methods.

The modifications are:

- advice is provided on possible application of the method to additional thermoplastics;
- test parameters, except those common to all plastics, are omitted;
- no material-dependent requirements are given;
- editorial changes have been introduced.

The material-dependent parameters and/or performance requirements are incorporated in the System Standard(s) concerned.

This standard is one of a series of standards on test methods which support System Standards for plastics piping systems and ducting systems.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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