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Standards

Irish Standard  
I.S. EN ISO 877-3:2010

# Plastics - Methods of exposure to solar radiation - Part 3: Intensified weathering using concentrated solar radiation (ISO 877-3:2009)

## I.S. EN ISO 877-3:2010

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English Version

**Plastics - Methods of exposure to solar radiation - Part 3:  
Intensified weathering using concentrated solar radiation (ISO  
877-3:2009)**

Plastiques - Méthodes d'exposition au rayonnement solaire  
- Partie 3: Exposition intensifiée par rayonnement solaire  
concentré (ISO 877-3:2009)

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**Contents**

Page

**Foreword.....3**

## **Foreword**

The text of ISO 877-3:2009 has been prepared by Technical Committee ISO/TC 61 "Plastics" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 877-3:2010 by Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by NBN.

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of an identical text or by endorsement, at the latest by June 2011, and conflicting national standards shall be withdrawn at the latest by June 2011.

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**Plastics — Methods of exposure to solar  
radiation —**

Part 3:  
**Intensified weathering using  
concentrated solar radiation**

*Plastiques — Méthodes d'exposition au rayonnement solaire —  
Partie 3: Exposition intensifiée par rayonnement solaire concentré*



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## Contents

Page

Foreword.....	iv
Introduction .....	v
1 Scope .....	1
2 Normative references .....	1
3 Principle .....	1
4 Apparatus .....	2
5 Test specimens .....	3
6 Exposure conditions .....	4
7 Exposure stages .....	6
8 Procedure .....	7
9 Expression of results .....	8
10 Test report .....	9
Bibliography .....	10

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

ISO 877-3 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 6, *Ageing, chemical and environmental resistance*.

Together with the other parts (see below), it cancels and replaces ISO 877:1994, which has been technically revised.

ISO 877 consists of the following parts, under the general title *Plastics — Methods of exposure to solar radiation*:

- *Part 1: General guidance*
- *Part 2: Direct weathering and exposure behind window glass*
- *Part 3: Intensified weathering using concentrated solar radiation*

## **Introduction**

The International Organization for Standardization (ISO) draws attention to the fact that it is claimed that compliance with this document may involve the use of American patents US 6659638 B1, US 7318672 B2 and US 4807247 concerning the temperature control discussed in Subclause 6.3. ISO takes no position concerning the evidence, validity and scope of these patent rights.

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