

Plastics — Polyurethane raw materials — Determination of isocyanate content (ISO 14896:2009)

ICS 83.080.10

National foreword

This British Standard is the UK implementation of EN ISO 14896:2009. It supersedes BS EN ISO 14896:2001 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PRI/42, Fibre reinforced thermosetting plastics and prepregs.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 September 2009
© BSI 2009

ISBN 978 0 580 65655 2

Amendments/corrigenda issued since publication

Date	Comments

English Version

Plastics - Polyurethane raw materials - Determination of isocyanate content (ISO 14896:2009)

Plastiques - Matières premières des polyuréthanes -
Détermination de la teneur en isocyanate (ISO 14896:2009)

Kunststoffe - Polyurethanrohstoffe - Bestimmung des
Isocyanatanteils (ISO 14896:2008)

This European Standard was approved by CEN on 19 January 2009.

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 CEN Management Centre or to any CEN member.

This European Standard exists 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 CEN Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN ISO 14896:2009) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with 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 August 2009, and conflicting national standards shall be withdrawn at the latest by August 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 14896:2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO 14896:2009 has been approved by CEN as a EN ISO 14896:2009 without any modification.

Contents

Page

Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions.....	2
4 Principle.....	2
4.1 Method A.....	2
4.2 Method B.....	2
5 Application	2
6 Interferences	2
7 Sampling.....	3
8 Test conditions	3
9 Reagents	3
10 Apparatus	4
11 Method A — Toluene/dibutylamine with aqueous HCl	4
11.1 Procedure	4
11.2 Expression of results	5
11.3 Precision and bias	6
11.4 Test report	6
12 Method B — Toluene/TCB/DBA with methanolic HCl	7
12.1 Procedure	7
12.2 Expression of results	8
12.3 Precision and bias	8
12.4 Test report	9