

	Requirements for packaging recoverable through composting and biodegradation Test scheme and evaluation criteria for the final acceptance of packaging English version of DIN EN 13432	<u>DIN</u> EN 13432
--	---	--------------------------------

ICS 13.030.99; 55.020

Verpackung – Anforderungen an die Verwertung von Verpackungen durch Kompostierung und biologischen Abbau – Prüfschema und Bewertungskriterien für die Einstufung von Verpackungen

European Standard EN 13432 : 2000 has the status of a DIN Standard.

A comma is used as the decimal marker.

National foreword

This standard has been prepared by CEN/TC 261 'Packaging' (Secretariat: France).

The responsible German body involved in its preparation was the *Normenausschuss Verpackungswesen* (Packaging Standards Committee), Technical Committee *Abbaubarkeit von Packstoffen und Packmitteln*.

EN comprises 21 pages.

English version

Packaging

**Requirements for packaging recoverable through composting
and biodegradation**

Test scheme and evaluation criteria for the final acceptance of packaging

Emballage – Exigences relatives aux emballages valorisables par compostage et biodégradation – Programme d'essai et critères d'évaluation de l'acceptation finale des emballages

Verpackung – Anforderungen an die Verwertung von Verpackungen durch Kompostierung und biologischen Abbau – Prüfschema und Bewertungskriterien für die Einstufung von Verpackungen

This European Standard was approved by CEN on 2000-06-04.

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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

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

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

Contents

Foreword	3
Introduction	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Requirements	5
4.1 Control of constituents	5
4.2 Assessment	6
4.2.1 General	6
4.2.2 Characterization	6
4.2.3 Biodegradability	6
4.2.4 Disintegration	6
4.2.5 Compost quality	6
4.2.6 Recognizability	6
4.3 Exemptions	6
4.3.1 Equivalent form	6
4.3.2 Materials of natural origin	7
4.4 Recording of assessment outcome	7
4.4.1 Check list	7
4.4.2 Supporting documentation	7
4.5 Application	7
5 Organization of a test scheme	7
6 Laboratory tests on biodegradability	8
7 Determination of disintegration	8
8 Quality of the final compost	9
8.1 Rationale	9
8.2 Determination of negative effect	9
Annex A (normative) Evaluation criteria	10
Annex B (informative) Flow chart of evaluation of organic recoverability of packaging	12
Annex C (informative) Recommended format for a conformity assessment checklist	17
Annex D (informative) Prerequisites and quality of compost for evaluating composting of packaging	18
Annex E (normative) Determination of ecotoxic effects to higher plants	19
Annex Z (informative) Clauses of this European Standard addressing essential requirements or other provisions	20
Bibliography	21