



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 24496 : 1994

ICS 77.160

**METALLIC POWDERS – DETERMINATION  
OF ACID INSOLUBLE CONTENT IN IRON,  
COPPER, TIN AND BRONZE POWDERS  
(ISO 4496:1978)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann



**DECLARATION**

OF

SPECIFICATION

ENTITLED

METALLIC POWDERS – DETERMINATION OF ACID INSOLUBLE CONTENT IN IRON,  
COPPER, TIN AND BRONZE POWDERS (ISO 4496:1978)

AS

THE IRISH STANDARD SPECIFICATION FOR

METALLIC POWDERS – DETERMINATION OF ACID INSOLUBLE CONTENT IN IRON,  
COPPER, TIN AND BRONZE POWDERS (ISO 4496:1978)

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Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 ( No. 20 of 1961 ) and the Industrial Development Act, 1993 (No. 19 of 9387), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Metallic Powders – Determination of Acid Insoluble Content in Iron, Copper, Tin and Bronze Powders (ISO 4496:1978)) Declaration, 1994.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Metallic Powders – Determination of Acid Insoluble Content in Iron, Copper, Tin and Bronze Powders (ISO 4496:1978). The Schedule comprises the text of EN 24496 : 1993.  
  
(2) The said standard specification may be cited as Irish Standard/EN 24496:1994 or as I.S./EN 24496:1994.



EUROPEAN STANDARD

**EN 24496:1993**

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1993

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UDC 621.762:669-492.2:620.1:543.726

Descriptors: Powder metallurgy, metallic powder, iron, copper, tin, bronzes, chemical analysis, determination of content, acids, insoluble matter

English version

**Metallic powders - Determination of acid insoluble  
content in iron, copper, tin and bronze powders  
(ISO 4496:1978)**

Poudres métalliques - Détermination de la teneur en insolubles dans les acides pour les poudres de fer, de cuivre, d'étain et de bronze (ISO 4496:1978)

Metallpulver - Bestimmung der saureunlöslichen Bestandteile in Eisen-, Kupfer-, Zinn- und Bronzepulvern (ISO 4496:1978)

This European Standard was approved by CEN on 1993-04-02. 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.

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**CEN**

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

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

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## **Foreword**

In 1992 ISO 4496:1978 "Metallic powders - Determination of acid insoluble content in iron, copper, tin and bronze powders" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal ISO 4496:1978 was submitted to the CEN Formal Vote. The result of the Formal Vote was positive.

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 October 1993, and conflicting national standards shall be withdrawn at the latest by October 1993.

According to the Internal Regulations of CEN/CENELEC, 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 United Kingdom.

## **Endorsement notice**

The text of the International Standard ISO 4496:1978 was approved by CEN as a European Standard without any modification.

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