



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN ISO 2738:2000**

ICS 77.160

**SINTERED METAL MATERIALS, EXCLUDING  
HARDMETALS - PERMEABLE SINTERED  
METAL MATERIALS - DETERMINATION OF  
DENSITY, OIL CONTENT AND OPEN  
POROSITY (ISO 2738:1999)**

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Údarás um Chaighdeán Náisiúnta na hÉireann



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 2738**

November 1999

ICS 77.160

English version

**Sintered metal materials, excluding hardmetals - Permeable  
sintered metal materials - Determination of density, oil content  
and open porosity (ISO 2738:1999)**

Matériaux métalliques frittés, à l'exclusion des métaux durs  
- Matériaux métalliques frittés perméables - Détermination  
de la masse volumique, de la teneur en huile et de la  
porosité ouverte (ISO 2738:1999)

This European Standard was approved by CEN on 8 October 1999.

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.

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 Central Secretariat has the same status as the official versions.

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



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

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

## Foreword

The text of the International Standard ISO 2738:1999 has been prepared by Technical Committee ISO/TC 119 "Powder metallurgy" in collaboration with CEN/CS.

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of an identical text or by endorsement, at the latest by May 2000, and conflicting national standards shall be withdrawn at the latest by May 2000.

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

**NOTE FROM CEN/CS:** The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

## Endorsement notice

The text of the International Standard ISO 2738:1999 was approved by CEN as a European Standard without any modification.

# INTERNATIONAL STANDARD

**ISO**  
**2738**

Third edition  
1999-11-01

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## **Sintered metal materials, excluding hardmetals — Permeable sintered metal materials — Determination of density, oil content and open porosity**

*Matériaux métalliques frittés, à l'exclusion des métaux-durs — Matériaux  
métalliques frittés perméables — Détermination de la masse volumique, de  
la teneur en huile et de la porosité ouverte*



Reference number  
ISO 2738:1999(E)

## ISO 2738:1999(E)

### 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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

International Standard ISO 2738 was prepared by Technical Committee ISO/TC 119, *Powder metallurgy*, Subcommittee SC 3, *Sampling and testing methods for sintered metal materials (excluding hardmetals)*.

This third edition cancels and replaces the second edition (ISO 2738:1987) which has been technically revised.

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