

# INTERNATIONAL STANDARD

**ISO**  
**1872-2**

Second edition  
1997-04-01

**AMENDMENT 1**  
2000-06-15

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## Plastics — Polyethylene (PE) moulding and extrusion materials —

Part 2:

### Preparation of test specimens and determination of properties

AMENDMENT 1

*Plastiques — Polyéthylène (PE) pour moulage et extrusion —  
Partie 2: Préparation des éprouvettes et détermination des propriétés  
AMENDEMENT 1*

ISO 1872-2:1997/Amd 1:2000

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Reference number  
ISO 1872-2:1997/Amd.1:2000(E)

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## Foreword

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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.

Attention is drawn to the possibility that some of the elements of this Amendment may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to International Standard ISO 1872-2:1997 was prepared by Technical Committee ISO/TC 61, *Plastics*, Subcommittee SC 9, *Thermoplastic materials*.

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# Plastics — Polyethylene (PE) moulding and extrusion materials —

## Part 2: Preparation of test specimens and determination of properties

### AMENDMENT 1

Page 3

#### Subclause 3.2

Add after Table 1:

"An appropriate hold pressure, consistent with the production of blemish-free mouldings, shall be used."

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#### Clause 4

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Replace the text by the following:

"Unfilled PE test specimens shall be conditioned in accordance with ISO 291 for a period of between 40 h and 96 h at  $23\text{ °C} \pm 2\text{ °C}$ . Filled test specimens shall be conditioned in the same way but with an additional requirement of  $(50 \pm 10)\%$  relative humidity."

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#### Table 3

In the column headed "Test conditions and supplementary instructions", for melt volume-flow rate add the following text:

"Use a value for the melt density of  $763,6\text{ kg/m}^3$  to calculate the mass-flow rate<sup>a</sup>"

At the foot of the table, add:

<sup>a</sup> Reference: P. Zoller, *Journal of Applied Polymer Science*, Vol. 23, pp. 1051-1061, 1979."

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#### Table 4

In the section headed "Other properties", add the line:

Density	kg/m <sup>3</sup>	ISO 1872-1:1993, subclause 3.3.1	Extrudate	—	Use extrudate from ISO 1133 determination
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