
**Jewellery and precious metals —
Fineness of solders used with precious
metal jewellery alloys**

*Joannerie bijouterie et métaux précieux — Titre des brasures utilisées
pour les alliages de métaux précieux pour les articles de joannerie et
de bijouterie*



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Foreword

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This document was prepared by Technical Committee ISO/TC 174, *Jewellery and precious metals*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Jewellery and precious metals — Fineness of solders used with precious metal jewellery alloys

1 Scope

This document specifies the precious metal content in solders suitable for use in the production of jewellery made of precious metal alloys.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 11210, *Jewellery — Determination of platinum in platinum jewellery alloys — Gravimetric method after precipitation of diammonium hexachloroplatinate*

ISO 11426, *Jewellery — Determination of gold in gold jewellery alloys — Cupellation method (fire assay)*

ISO 11427, *Jewellery — Determination of silver in silver jewellery alloys — Volumetric (potentiometric) method using potassium bromide*

ISO 11490, *Jewellery — Determination of palladium in palladium jewellery alloys — Gravimetric determination with dimethylglyoxime*

ISO 11494, *Jewellery and precious metals — Determination of platinum in platinum alloys — ICP-OES method using an internal standard element*

ISO 11495, *Jewellery and precious metals — Determination of palladium in palladium alloys — ICP-OES method using an internal standard element*

ISO 13756, *Jewellery — Determination of silver in silver jewellery alloys — Volumetric (potentiometric) method using sodium chloride or potassium chloride*

ISO 15093, *Jewellery and precious metals — Determination of high purity gold, platinum and palladium — Difference method using ICP-OES*

ISO 15096, *Jewellery and precious metals — Determination of high purity silver — Difference method using ICP-OES*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <http://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

fineness

content of the named *precious metal* (3.2) in the alloy in terms of parts per thousand by weight (‰)