

AEROSPACE MATERIAL SPECIFICATION

AMS-QQ-A-225/1B

Issued JUL 1997
Revised SEP 1998
Cancelled APR 2007

Superseding AMS-QQ-A-225/1A

Aluminum Alloy, Bar, Rod, and Wire, Rolled, Drawn, or Cold Finished, 1100

(Composition similar to UNS A91100)

RATIONALE

AMS-QQ-A-225/1A has been cancelled and superseded because equivalent technical requirements are provided by ASTM B 211, Alloy 1100.

CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of April, 2007, and has been superseded by ASTM B 211, Alloy 1100. The requirements of the latest issue of ASTM B 211, Alloy 1100 shall be fulfilled whenever reference is made to the cancelled AMS-QQ-A-225/1A. By this action, this document will remain listed in the Numerical Section of the Index of Aerospace Material Specifications, noting that it has been superseded by ASTM B 211, Alloy 1100.

Cancelled specifications are available from SAE.

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A91100

NOTICE

This document has been taken directly from Federal Specification QQ-A-225/1D, Amendment 1, and contains only minor editorial and format changes required to bring it into conformance with the publishing requirements of SAE technical standards.

The original Federal Specification was adopted as an SAE standard under the provisions of the SAE Technical Standards Board (TSB) Rules and Regulations (TSB 001) pertaining to accelerated adoption of government specifications and standards. TSB rules provide for (a) the publication of portions of unrevised government specifications and standards without consensus voting at the SAE Committee level, (b) the use of the existing government specifications and standards format, and (c) the exclusion of any qualified product list (QPL) sections.

The complete requirements for procuring 1100 aluminum alloy bar, rod, and wire rolled, drawn, or cold finished described herein shall consist of this document and the latest issue of AMS-QQ-A-225.

1. SCOPE AND CLASSIFICATION:

1.1 Scope:

This specification covers the specific requirements for 1100 aluminum alloy bar, rod, and wire produced by rolling, drawing, or cold finishing.

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1.2 Classification:

1.2.1 Tempers: Bar, rod, and wire are of the following tempers as specified (See 6.2 and 6.3): O, H12, H14, H16, H18, H112, or F temper. Definitions of these tempers are specified in AMS-QQ-A-225.

2. APPLICABLE DOCUMENTS:

See AMS-QQ-A-225.

3. REQUIREMENTS:

3.1 Chemical Composition:

3.1.1 The chemical composition shall conform to the requirements specified in Table I.

TABLE I. Chemical Composition ^{1/}

Element	Percent	
	Minimum	Maximum
Copper	0.05	0.20
(See 6.6) Iron plus silicon	-	0.95
Zinc	-	0.10
Manganese	-	0.05
Other Elements, each	-	0.05
Other Elements, total	-	0.15
Aluminum (by difference)	99.00	-

^{1/} Analysis shall routinely be made only for the elements specifically mentioned in Table I. If, however, the presence of other elements is indicated or suspected in the course of routine analysis, further analysis shall be made to determine conformance to the limits specified for other elements.