

**AEROSPACE
MATERIAL
SPECIFICATION**

AMS-QQ-A-225/10A

Issued JUL 1997
Cancelled JUN 2007

Superseded by ASTM B 211

Aluminum Alloy, Bar, Rod, and Wire,
Rolled, Drawn, or Cold Finished, 6262

(Composition similar to UNS A96262)

RATIONALE

AMS-QQ-A-225/10 has been designated Cancelled and Superseded because equivalent technical requirements are provided by ASTM B 211, alloy 6262.

CANCELLATION NOTICE

This specification has been declared "CANCELLED" by the Aerospace Materials Division, SAE, as of June, 2007 and has been superseded by ASTM B 211, alloy 6262. The requirements of the latest issue of ASTM B 211 for alloy 6262 shall be fulfilled whenever reference is made to the cancelled AMS-QQ-A-225/10. 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will remain listed in the Numerical Section of the Index of Aerospace Material Specifications, noting that it has been superseded by alloy 6262 of ASTM B 211.

Cancelled specifications are available from SAE.

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Aluminum Alloy 6262, Bar, Rod, and Wire;
Rolled, Drawn, or Cold Finished

UNS A96262

NOTICE

This document has been taken directly from Federal Specification QQ-A-225/10B 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 6262 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 6262 aluminum alloy bar, rod, and wire produced by rolling, drawing, or cold finishing.

1.2 Classification:

1.2.1 Tempers: Bar, rod, and wire are of the following tempers, as specified (See 6.2): T6, T651, or T9 temper. Definition of these tempers are specified in AMS-QQ-A-225.

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2. APPLICABLE DOCUMENTS:

See AMS-QQ-A-225/10.

3. REQUIREMENTS:

3.1 Chemical Composition:

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

TABLE I. Chemical Composition ^{1/}

Element	Percent	
	Minimum	Maximum
Magnesium	0.8	1.2
Silicon	0.40	0.8
Bismuth	0.40	0.7
Lead	0.40	0.7
Copper	0.15	0.40
Chromium	0.04	0.14
Iron	--	0.7
Zinc	--	0.25
Manganese	--	0.15
Titanium	--	0.15
Other Elements, each	--	0.05
Other Elements, total ^{2/}	--	0.15
Aluminum	Remainder	

^{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 amounts greater than the specified limits, further analysis shall be made to determine that these elements are not present in excess of specified limits

^{2/} The sum of those "Others" metallic elements 0.010 percent or more each, expressed to the second decimal before determining the sum.