



AEROSPACE MATERIAL SPECIFICATION

AMS4308™**REV. B**

Issued	1994-04
Noncurrent	2003-10
Reaf. Nonc.	2013-12
Stabilized	2017-04

Superseding AMS4308A

Aluminum Alloy, Sheet
8.6Fe - 1.8Si - 1.3V (8009-H112)
Powder Metallurgy Product, Strain Hardened

UNS A98009

RATIONALE

AMS4308B has been declared "STABILIZED" by AMS Committee D because it contains mature technology that is not expected to change and thus no further revisions are anticipated.

STABILIZED NOTICE

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Documents
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1. SCOPE:

1.1 Form:

This specification covers an aluminum alloy powder metallurgy product in the form of sheet 0.010 to 0.250 inch (0.25 to 6.35 mm) in nominal thickness.

1.2 Application:

This sheet has been used typically for parts requiring good strength, but usage is not limited to such application.

2. APPLICABLE DOCUMENTS:

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase order.

2.1 SAE Publications:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AMS 2202	Tolerances, Aluminum Alloy and Magnesium Alloy Sheet and Plate
MAM 2202	Tolerances, Metric, Aluminum Alloy and Magnesium Alloy Sheet and Plate
AMS 2355	Quality Assurance Sampling and Testing, Aluminum Alloys and Magnesium Alloys, Wrought Products, Except Forging Stock, and Rolled, Forged, or Flash Welded Rings
MAM 2355	Quality Assurance Sampling and Testing, Aluminum Alloys and Magnesium Alloys, Wrought Products, Except Forging Stock, and Rolled, Forged, or Flash Welded Rings, Metric (SI) Units
AMS 2811	Identification, Aluminum and Magnesium Alloy Wrought Products

2.2 ASTM Publications:

Available from ASTM, 1916 Race Street, Philadelphia, PA 19103-1187.

ASTM B 660	Packaging/Packing of Aluminum and Magnesium Products
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3. TECHNICAL REQUIREMENTS:

3.1 Composition:

Shall conform to the percentages by weight shown in Table 1, determined in accordance with AMS 2355 or MAM 2355.