



ASM Aerospace Specification Metals Inc.



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Aluminum 2618A Composition Spec

Subcategory: 2000 Series Aluminum Alloy; Aluminum Alloy; Metal; Nonferrous Metal

Close Analogs:

Composition Notes:

Aluminum content reported is calculated as remainder.

Composition information provided by the Aluminum Association and is not for design.

Key Words: Aluminium 2618A; AA2618A

Component	Wt. %	Component	Wt. %	Component	Wt. %
Al	91.4 - 95.2	Mn	Max 0.25	Si	0.15 - 0.25
Cu	1.8 - 2.7	Ni	0.8 - 1.4	Ti	Max 0.2
Fe	0.9 - 1.4	Other, each	Max 0.05	Zn	Max 0.15
Mg	1.2 - 1.8	Other, total	Max 0.15	Zr+Ti	Max 0.25

Material Notes:

This data sheet has only a limited amount of property data. Data points with the AA note have been provided by the Aluminum Association, Inc. and are NOT FOR DESIGN.

Physical Properties	Metric	English	Comments
Density	<u>2.77 g/cc</u>	0.1 lb/in ³	AA; Typical

Processing Properties

Solution Temperature	<u>529 °C</u>	985 °F
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References for this datasheet.

Some of the values displayed above may have been converted from their original units and/or rounded in order to display the information in a consistent format. Users requiring more precise data for scientific or engineering calculations can click on the property value to see the original value as well as raw conversions to equivalent units. We advise that you only use the original value or one of its raw conversions in your calculations to minimize rounding error.