



Reading Alloys, Inc.

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THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION.



Product Specification

Title: Aluminum - Tin - Titanium - Vanadium		Specification No. RAI-0028 Revision: 4
Department: Thermite	<i>Approved & Released Product Specification</i>	Implementation Date: 05/24/2005
Area:		
Type of Document: RAI Product Specification		Review Period - 365 Days

Product Information:

Category: Finished Goods	Product Line: Thermite Line 2
Part Number: 31104	Revision: 1
Description: Al - Sn - Ti - V	
Customer Part #:	Engineer: James Robison

1.0 Product Specification:

ELEMENT	SPECIFICATION
Aluminum	36.5-38.5%
Tin	17-18.5%
Titanium	5% Maximum
Vanadium	40-42%
* Carbon	0.10% Max
Iron	0.25% Max
* Silicon	0.50% Max
Sulfur	0.01% Max
Nitrogen	0.01% Max
* Oxygen	0.15% Max

Material Size:

1/4 Inch by down

Other sizes available on request.

2.0 Special Requirements:

A. Inspection:

All material is 100% visually inspected to verify metal is clean and free of debris.

B. Packaging:

1000 pounds in open-head steel drums (55 gallon)

Other packaging on request.

* Indicates change from last revision

3.0 Safety & Environmental Information:

MSDS-0023

4.0 Associated Documents:

Associated Quality System Documents - None

Click to Open an Associated Document

5.0 Document Revision History:

Revision: 4	Date Created: 09/18/2008 Date of Last Revision: 09/24/2008	Last Approval Date: 09/24/2008
Document Author: Beth Maiocchi		

6.0 Reason for Change:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	10/6/94
2	N/A	Change to Lotus Notes Format	12/10/99
3	Sect 8	Added Signatory	6/9/99
4	1	Changed C, Si, & O requirements, revised format	above

7 Notification List:

8.0 Approvals:

First Approver's Signature

Name: James Robison/PA-ROB/Ametek
Title: Director of Technology

Sep 24, 2008 04:04:58 PM EDT - Approved by: James Robison/PA-ROB/Ametek

Document History Section