



*Reading Alloys, Inc.*

220 Old West Penn Ave. Robesonia, PA 19551

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION.



## Product Specification

<b>Title:</b> 40 Aluminum - 60 Zirconium		<b>Specification No.</b> RAI-0020 <b>Revision:</b> 5
<b>Department:</b> Thermite	<i>Approved &amp; Released Product Specification</i>	<b>Implementation Date:</b> 02/05/2001
<b>Area:</b>		
<b>Type of Document:</b> RAI Product Specification		<b>Review Period - 365 Days</b>

### Product Information:

<b>Category:</b> Finished goods	<b>Product Line:</b> Thermite Line 2
<b>Part Number:</b> 30901	<b>Revision:</b> 1
<b>Description:</b> 40 Al - 60 Zr	
<b>Customer Part #:</b>	<b>Engineer:</b> James Robison

### 1.0 Product Specification:

ELEMENT	SPECIFICATION
Aluminum	39-45%
Zirconium	55-61%
Carbon	0.10% Max
Iron	0.40% Max
Silicon	0.40% Max
Sulfur	0.005% Max

\*Additional Chemistry available upon request.

### 2.0 Special Requirements:

#### 2.01 Size:

2 1/2 inch by down. Other sizes available on request.

## 2.02 Inspection:

Visual

## 2.03 Packaging:

250 pounds in 17 gallon open-head steel drums.

Other packaging available on request.

\* indicates change from last revision

## 3.0 Safety & Environmental Information:

## 4.0 Associated Documents:

Associated Quality System Documents - None

Click to Open an Associated Document

## 5.0 Document Revision History:

<b>Revision:</b> 5	<b>Date Created:</b> 09/18/2008 <b>Date of Last Revision:</b> 09/24/2008	<b>Last Approval Date:</b> 09/24/2008
<b>Document Author:</b> Beth Maiocchi		

## 6.0 Reason for Change:

Revision:	Sec/Para Changed	Change Made:	Date
1	N/A	Initial Issue of Document	8/10/76
2	N/A	Unknown	6/18/79
3	N/A	Unknown	11/20/92
4	N/A	Change to Lotus Notes Format	12/10/98
5	Sect. 1	Removed Typical	above

## 7 Notification List:

## 8.0 Approvals:

### First Approver's Signature

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

Sep 24, 2008 03:51:42 PM EDT - Approved by: James Robison/PA-ROB/Ametek

## Document History Section