



# Certified Material Test Report AWS A5.01 Schedule H, Class S1

**Hobart Aluminum**  
1631 International Drive  
Traverse City, MI 49686

**Phone: 231-933-1234**  
**Fax: 231-933-6110**  
**E-Mail: adam.treon@hobartbrothers.com**  
**Web Page: hobartbrothers.com**

Cust. P.O.	Alloy	Diameter	Package	Lot#
	R/ER 5356			55AR03

## Lot Chemical Analysis vs. AWS A5.10 Chemistry Classification Designation

	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Be	Cd	Other		Al
												Each	Total	
<b>AWS</b> (1)	<b>5356</b>	0.25	0.40	0.10	0.05 - 0.20	4.5 - 5.5	0.05 - 0.20	0.10	0.06 - 0.20	<0.0003	<0.05	<0.05	<0.15	Rem.
<b>Lot</b> (2) (3)	<b>5356</b>	0.05	0.12	<0.01	0.14	5.0- 5.1	0.11	<0.01	0.07	<0.0001	<0.01	<0.05	<0.15	Rem.

- (1) Single values shown are maximum percentage, except where minimum is specified.
- (2) Certified composition results
- (3) Mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of this product.

### TYPICAL MECHANICAL PROPERTIES

Mechanical Results	AWS Specification
Tensile 40,700 psi (281 Mpa)	35,000 psi (240 Mpa) Min.
Yield 19,700 psi (136 Mpa)	Not Specified
Elongation 30%	Not Specified

*This typical mechanical information should not be construed as the actual results of this specific lot of material.  
No alloy formulation changes since the initiation of this original cert.*

**Other customer requirements on sales order: DFARS applies to "specialty metals" and aluminum is not included in the DFARS definition of specialty metals (section 252.225(a)(12)).**

**Hobart Aluminum hereby certifies that the material covered by this report has been drawn in the USA to the requirements of AWS A5.01, class S1, schedule F & H, controlled chemical composition, and tested in accordance with and been found to meet the requirements of specifications AWS A5.10, ASME/SFA 5.10.**




---

**Adam Treon, Process Quality Systems Manager**  
**Certifying Signature**  
**Hobart Aluminum**