



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

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

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Alloy	Diameter	Package	Lot#
R/ER 4047			76JU04

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

	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Be	Other		Al
											Each	Total	
AWS (1)	<b>4047</b>	11.0- 13.0	0.8	0.3	0.15	0.10	-	0.20	-	<0.0003	0.05	0.15	Rem.
Lot (2) (3)	<b>4047</b>	11.83	0.16	0.003	0.00	0.002	-	0.00	-	0.0001	<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	37,750 psi (260 Mpa)	25,000 psi (170 Mpa) Min.	
Yield	21,750 psi (150 Mpa)	Not Specified	
Elongation	7%	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.



6/5/2026

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