



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

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R/ER 4043

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)	4043	4.5 – 6.0	0.8	0.30	0.05	0.05	-	0.10	0.20	0.0003	<0.05	<0.15	Rem.
Lot (2) (3)	4043	4.90- 4.91	0.13- 0.15	0.02	0.00	<0.01	-	0.00	0.02	0.0000	<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

Tensile 27,600 psi (190 Mpa)
Yield 12,500 psi (86 Mpa)
Elongation 22%

AWS Specification

24,000 psi (165 Mpa) Min.
Not Specified
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: _____
Meets AMS4190K requirements for chemical composition only. _____
DFARS not applicable to aluminum

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 and ASME SFA-5.10.

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