



Certified Material Test Report

AWS A5.01 Schedule H, Class S1

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R/ER 5556

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	
AWS (1)	5556	0.25	0.40	0.10	0.50- 1.0	4.7- 5.5	0.05- 0.20	0.25	0.05- 0.20	0.0003	<0.05	<0.05	<0.15	Rem.
Lot (2) (3)	5556	0.06	0.15	<0.01	0.61- 0.64	4.9- 5.0	0.08	<0.01	0.08- 0.09	<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

Tensile 43,300 psi (299 Mpa)

Yield 22,200 psi (153 Mpa)

Elongation 29%

AWS Specification

42,000 psi (290 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:_____

*_Material approved by ABS_*_____

DFARS not applicable to aluminum

Hobart Aluminum hereby certifies that the material covered by this report has been manufactured 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.

A handwritten signature in black ink, appearing to read "ATreon", written over a horizontal line.

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