

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 875486 05

Date: 9/28/2023 Page: 1 Of 1

Customer: 0305 001

Steel: 316/316L

NAS Order: LR 23313 1

Heat Treat Code: 77,527

Finish: HRAP

Your Order: 108916

Item Code: 67342

Dia/Thk: .3750 in

Leg Length: 3.0000 in

Length: 252.00 in

Corrosion: ASTM A262 Prac A/E OK

PRODUCT DESCRIPTION:

REMARKS:

Angle
UNS S31600/S31603, EN10204 3.1
ASTM A276/23, ASTM A479/21
ASME SA479/21,
AMS-QQS-763/D, QQS:763/F, AMS 5648/M, AMS 5653/J
SOLUTION ANNEAL TEMP 1900F MIN

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014 EU DIRECTIVE
2011/65/EU.ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight
VD70860 1226	VD70866 1078	VD70867 739							

ANAB, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTM A751/20

NAS Heat	Supplier Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
AB6C		US	.020	.33	16.62	.37	1.73	2.112	.037	10.04	.036	.0010
			SI %									
			.37									

MECHANICAL PROPERTIES

	l o c k	HB	.2YS	UTS	RA	Elong
		No.	KSI	KSI	%	% 2"
VD70860	R L	222.0	82.98	105.24	66.26	39.69
VD70866	R L	222.0	82.98	105.24	66.26	39.69
VD70867	R L	222.0	82.98	105.24	66.26	39.69

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical
Dept. Mgr.



KRIS LARK