

METALLURGICAL TEST REPORT

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

Certificate: 845838 02

Date: 4/18/2023 Page: 1 Of 1

Customer: 0305 001

Steel: 316/316L

NAS Order: LR 13495 1

Finish: HRAP

Your Order: 115045

Item Code:

Heat Treat Code: 75,454

Dia/Thk: .2500 in

Leg Length: 2.0000 in

Length: 252.00 in

Corrosion: ASTM A262 Prac A/E OK

PRODUCT DESCRIPTION:

Angle
UNS S31600/S31603, EN10204 3.1
ASTM A276/17, ASTM A479/21
ASME SA479/21,
AMS-QQS-763/D, QQS:763/F, AMS 5648/M, AMS 5653/J
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014 EU DIRECTIVE
2014/65/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
VD63551 1276	VD63552 1280	VD63557 1270	VD63560 1274	VD63561 872					

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

NAS Heat	Supplier Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
X42Y	X42Y	US	.017	.37	16.83	.38	1.59	2.027	.034	10.33	.036	.0027
			SI %									
			.36									

MECHANICAL PROPERTIES

	l o c k	HB	.2YS	UTS	RA	Elong
	No.	KSI	KSI	%	% 2"	
VD63551	R L	232.0	80.02	104.49	60.46	34.90
VD63552	R L	232.0	80.02	104.49	60.46	34.90
VD63557	R L	232.0	80.02	104.49	60.46	34.90
VD63560	R L	232.0	80.02	104.49	60.46	34.90
VD63561	R L	232.0	80.02	104.49	60.46	34.90

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